

Schema documentation for Syopaseulonnat.xsd

december 22, 2017

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Namespace: ""**Schema(s)****Main schema Syopaseulonnat.xsd**

Namespace	No namespace
Properties	attribute form default: unqualified
	element form default: unqualified

Element(s)**Element ScreeningInvitations**

Namespace	No namespace
Diagram	
Properties	content: complex
Model	Schema_name , Schema_version , Transmitter_OID , File_creation_timestamp , Person+
Children	File_creation_timestamp, Person, Schema_name, Schema_version, Transmitter_OID
Instance	<pre><ScreeningInvitations> <Schema_name>{1,1}</Schema_name> <Schema_version>{1,1}</Schema_version> <Transmitter_OID>{1,1}</Transmitter_OID> <File_creation_timestamp>{1,1}</File_creation_timestamp> <Person>{1,unbounded}</Person> </ScreeningInvitations></pre>
Source	<pre><xs:element name="ScreeningInvitations"> <xs:complexType> <xs:sequence> <xs:element name="Schema_name" type="xs:string"/> <xs:element name="Schema_version" type="xs:string"/> <xs:element name="Transmitter_OID" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> <xs:pattern value="([0-9.-])*/"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="File_creation_timestamp" minOccurs="1" maxOccurs="1" type="xs:dateTime"/> <!-- Person start --> <xs:element name="Person" minOccurs="1" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Social_security_number" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="11"/> <xs:pattern value="[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Surname" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

<xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true">
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      <xs:maxLength value="64"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
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  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:length value="3"/>
      <xs:pattern value="([0-9])*/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Language_code" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:length value="2"/>
      <xs:pattern value="([a-z])*/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Address -->
<xs:element name="Address" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true">
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          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Postal_code" minOccurs="1" maxOccurs="1">
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          <xs:restriction base="xs:token">
            <xs:length value="5"/>
            <xs:pattern value="([0-9])*/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Start_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
      <xs:element name="End_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Screening -->
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    <xs:sequence>
      <xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true">
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          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1">
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          <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="([0-9])*/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:simpleType>
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      <xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true">
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                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1"
nillable="true">
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            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
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      <xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1"
nillable="true">
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          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PALTU" minOccurs="1" maxOccurs="1" nillable="true">
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          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
    >

    <!-- Invitation -->
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      <xs:complexType>
        <xs:sequence>
          <xs:element name="Invitation_id" minOccurs="1" maxOccurs="1">
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                <xs:maxLength value="40"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>
          <xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
          <xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1"
type="xs:dateTime" nillable="true"/>
          <xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Randomisation_code" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">

```

```

        <xs:length value="0"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:simpleType>
  <xs:restriction base="xs:int"/>
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<!-- Notice -->
<xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Notice_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Notice_date" minOccurs="1" maxOccurs="1"
type="xs:date" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Control -->
<xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Control_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1"
nillable="false">
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          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="([0-9])*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
      <xs:element name="Control_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Control_status_decision_name" minOccurs="1"
maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <!-- Preliminary Info -->
      <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
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          <xs:sequence>
            <xs:element name="Preliminary_info_type" minOccurs="1"
maxOccurs="1" type="xs:int"/>
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maxOccurs="1" nillable="true">
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                  <xs:simpleType>
                    <xs:restriction base="xs:int"/>
                  </xs:simpleType>
                </xs:union>
              </xs:simpleType>
            </xs:element>

```

```

maxOccurs="1" nillable="true">
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                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:int">
                        <xs:minInclusive value="0"/>
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                    </xs:restriction>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Preliminary_info_value" minOccurs="1"
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            <xs:union>
                <xs:simpleType>
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                        <xs:length value="0"/>
                    </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:int"/>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Preliminary_info_decimal" minOccurs="1"
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            <xs:union>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                    </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:decimal"/>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
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        <xs:element name="Preliminary_info_text" minOccurs="1"
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</xs:complexType>
</xs:element>
<!-- Sample -->
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                        <xs:maxLength value="40"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Sample_type" minOccurs="1" maxOccurs="1"
                type="xs:int"/>
            <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1"
                nillable="true">
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                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:length value="0"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>

```

```

        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
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    </xs:simpleType>
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  <xs:element name="Sample_success" minOccurs="1" maxOccurs="1"
type="xs:int"/>
  <xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
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        <xs:maxLength value="11"/>
      </xs:restriction>
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        <xs:element name="Analysis_type" minOccurs="1"
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        <xs:element name="Analysis_code" minOccurs="1"
maxOccurs="1" nillable="true">
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            <xs:union>
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                <xs:restriction base="xs:string">
                  <xs:length value="0"/>
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              </xs:simpleType>
              <xs:simpleType>
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              </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Analysis_boolean" minOccurs="1"
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            <xs:union>
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                <xs:restriction base="xs:string">
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              </xs:simpleType>
              <xs:simpleType>
                <xs:restriction base="xs:int">
                  <xs:minInclusive value="0"/>
                  <xs:maxInclusive value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:element>
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            <xs:union>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="0"/>
                </xs:restriction>
              </xs:simpleType>
              <xs:simpleType>
                <xs:restriction base="xs:int"/>
              </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Analysis_decimal" minOccurs="1"
maxOccurs="1" nillable="true">
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            <xs:union>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="0"/>
                </xs:restriction>
              </xs:simpleType>
              <xs:simpleType>
                <xs:restriction base="xs:decimal"/>
              </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```



```

        </xs:union>
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    </xs:element>
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maxOccurs="1" nillable="true">
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        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Analysis_date" minOccurs="1"
maxOccurs="1" type="xs:date"/>
    <xs:element name="Analyst_doer" minOccurs="1"
maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="11"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
          <xs:pattern value="([0-9.-])*"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
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type="xs:int"/>
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nillable="true">
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                <xs:length value="0"/>
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            </xs:simpleType>
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maxOccurs="1" nillable="true">
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maxOccurs="1" nillable="true">
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                <xs:length value="0"/>
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              <xs:restriction base="xs:int"/>
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      </xs:element>
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  </xs:complexType>
</xs:element>

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        </xs:simpleType>
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  <xs:element name="Result_decimal" minOccurs="1"
maxOccurs="1" nillable="true">
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nillable="true">
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  <xs:element name="Result_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
  <xs:element name="Result_doer" minOccurs="1"
maxOccurs="1">
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maxOccurs="1" nillable="true">
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nillable="true">
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        <xs:maxLength value="64" />
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</xs:sequence>
</xs:complexType>

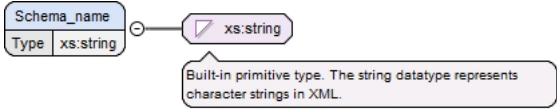
```

```

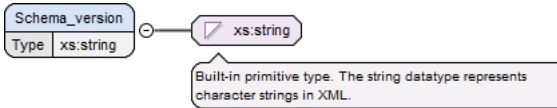
        </xs:element>
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  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

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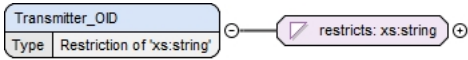
Element ScreeningInvitations / Schema_name

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Source	<code><xs:element name="Schema_name" type="xs:string" /></code>

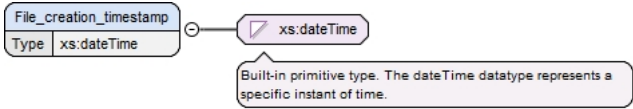
Element ScreeningInvitations / Schema_version

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Source	<code><xs:element name="Schema_version" type="xs:string" /></code>

Element ScreeningInvitations / Transmitter_OID

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple minOccurs: 1 maxOccurs: 1 nillable: true
Facets	maxLength 64 pattern ([0-9.-]) *
Source	<pre> <xs:element name="Transmitter_OID" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> <xs:pattern value="([0-9.-]) *"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

Element ScreeningInvitations / File_creation_timestamp

Namespace	No namespace
Diagram	
Type	xs:dateTime
Properties	content: simple

	minOccurs: 1
	maxOccurs: 1
Source	<code><xs:element name="File_creation_timestamp" minOccurs="1" maxOccurs="1" type="xs:dateTime"/></code>

Element ScreeningInvitations / Person

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	Social_security_number , Surname , Firstnames , Municipality , Language_code , Address* , Screening+						
Children	Address, Firstnames, Language_code, Municipality, Screening, Social_security_number, Surname						
Instance	<pre> <Person> <Social_security_number>{1,1}</Social_security_number> <Surname>{1,1}</Surname> <Firstnames>{1,1}</Firstnames> <Municipality>{1,1}</Municipality> <Language_code>{1,1}</Language_code> <Address>{0,unbounded}</Address> <Screening>{1,unbounded}</Screening> </Person> </pre>						
Source	<pre> <xs:element name="Person" minOccurs="1" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Social_security_number" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="11"/> <xs:pattern value="[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Surname" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Municipality" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="3"/> <xs:pattern value="([0-9])*/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>						

```

<xs:element name="Language_code" minOccurs="1" maxOccurs="1">
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      <xs:pattern value="([a-z])*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
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<xs:element name="Address" minOccurs="0" maxOccurs="unbounded">
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        </xs:simpleType>
      </xs:element>
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            <xs:length value="5"/>
            <xs:pattern value="([0-9])*"/>
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        </xs:simpleType>
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nillable="true"/>
      <xs:element name="End_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/>
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  </xs:complexType>
</xs:element>
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            <xs:simpleType>
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                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1">
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            <xs:simpleType>
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          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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</xs:element>
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<xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
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type="xs:dateTime" nillable="true"/>
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      <xs:simpleType>
        <xs:restriction base="xs:int"/>
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    </xs:union>
  </xs:simpleType>
</xs:element>
<!-- Notice -->
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nillable="true"/>
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<!-- Control -->
<xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
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```

<xs:sequence>
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  <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
  <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1"
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type="xs:int" />
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type="xs:date" />
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type="xs:int" />
            <xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
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                            <xs:simpleType>

```



```

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        <xs:restriction base="xs:int">
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  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.-])*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1"
type="xs:int" />
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0" />
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int" />
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0" />
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0" />
                <xs:maxInclusive value="1" />
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_value" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0" />
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int" />
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0" />
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal" />
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_text" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="32000" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

Namespace	No namespace						
Diagram	<pre> classDiagram class Social_security_number { Type } Social_security_number --> Restriction : restricts: xs:token </pre>						
Type	restriction of xs:token						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>length</td><td>11</td></tr> <tr> <td>pattern</td><td> [0-9][0-9][0-9][0-9][0-9] [0-9][+-A][0-9][0-9][0-9] [0-9A-FHJ-NP-Y] </td></tr> </table>	length	11	pattern	[0-9][0-9][0-9][0-9][0-9] [0-9][+-A][0-9][0-9][0-9] [0-9A-FHJ-NP-Y]		
length	11						
pattern	[0-9][0-9][0-9][0-9][0-9] [0-9][+-A][0-9][0-9][0-9] [0-9A-FHJ-NP-Y]						
Source	<code><xs:element name="Social_security_number" minOccurs="1" maxOccurs="1"></code>						

```

<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:length value="11"/>
    <xs:pattern value="[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Surname

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> <xs:element name="Surname" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Firstnames

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> <xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Municipality

Namespace	No namespace						
Diagram							
Type	restriction of xs:token						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>length</td><td>3</td></tr> <tr><td>pattern</td><td>([0-9])*</td></tr> </table>	length	3	pattern	([0-9])*		
length	3						
pattern	([0-9])*						
Source	<pre> <xs:element name="Municipality" minOccurs="1" maxOccurs="1"> <xs:simpleType> </pre>						

```

<xs:restriction base="xs:token">
  <xs:length value="3"/>
  <xs:pattern value="([0-9])*/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Language_code

Namespace	No namespace						
Diagram							
Type	restriction of xs:token						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>length</td><td>2</td></tr> <tr><td>pattern</td><td>([a-z])*</td></tr> </table>	length	2	pattern	([a-z])*		
length	2						
pattern	([a-z])*						
Source	<pre> <xs:element name="Language_code" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="2"/> <xs:pattern value="([a-z])*/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

Element ScreeningInvitations / Person / Address

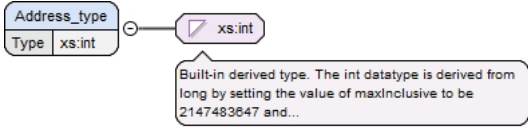
Namespace	No namespace								
Diagram									
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> <tr><td>mixed:</td><td>true</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded	mixed:	true
content:	complex								
minOccurs:	0								
maxOccurs:	unbounded								
mixed:	true								
Model	Address_type , Street_address , Postal_code , City , Start_date , End_date								
Children	Address_type, City, End_date, Postal_code, Start_date, Street_address								
Instance	<pre> <Address> <Address_type>{1,1}</Address_type> <Street_address>{1,1}</Street_address> <Postal_code>{1,1}</Postal_code> <City>{1,1}</City> <Start_date>{1,1}</Start_date> <End_date>{1,1}</End_date> </Address> </pre>								
Source	<pre> <xs:element name="Address" minOccurs="0" maxOccurs="unbounded"> <xs:complexType mixed="true"> <xs:sequence> <xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true"> </pre>								

```

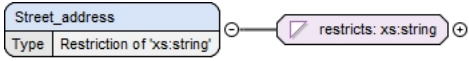
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="64"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Postal_code" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:length value="5"/>
      <xs:pattern value="([0-9])+"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Start_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/>
<xs:element name="End_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

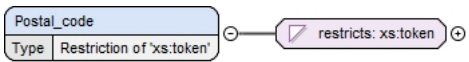
Element ScreeningInvitations / Person / Address / Address_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Address / Street_address

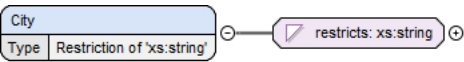
Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr> <td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> <xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Address / Postal_code

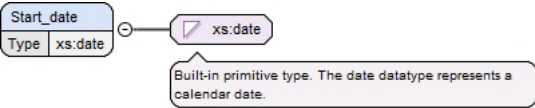
Namespace	No namespace
Diagram	
Type	restriction of xs:token

Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
Facets	length	5
	pattern	([0-9])*
Source	<pre><xs:element name="Postal_code" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="5"/> <xs:pattern value="([0-9])*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>	

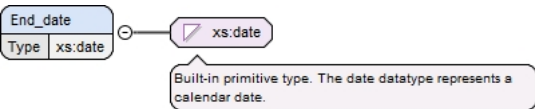
Element ScreeningInvitations / Person / Address / City

Namespace	No namespace	
Diagram		
Type	restriction of xs:string	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Facets	maxLength	64
Source	<pre><xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Address / Start_date

Namespace	No namespace	
Diagram		
Type	xs:date	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Source	<pre><xs:element name="Start_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/></pre>	

Element ScreeningInvitations / Person / Address / End_date

Namespace	No namespace	
Diagram		
Type	xs:date	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1

	nillable: true
Source	<code><xs:element name="End_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/></code>

Element ScreeningInvitations / Person / Screening

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	Screening_type, Screening_id, Screening_year, Screening_municipality, Health_area_code, Screening_laboratory_id, Laboratory_screening_id, PALTU, Screening_reason_code, Screening_process_status, Screening_error_code, Invitation*						
Children	Health_area_code, Invitation, Laboratory_screening_id, PALTU, Screening_error_code, Screening_id, Screening_laboratory_id, Screening_municipality, Screening_process_status, Screening_reason_code, Screening_type, Screening_year						
Instance	<pre> <Screening> <Screening_type>{1,1}</Screening_type> <Screening_id>{1,1}</Screening_id> <Screening_year>{1,1}</Screening_year> <Screening_municipality>{1,1}</Screening_municipality> <Health_area_code>{1,1}</Health_area_code> <Screening_laboratory_id>{1,1}</Screening_laboratory_id> <Laboratory_screening_id>{1,1}</Laboratory_screening_id> <PALTU>{1,1}</PALTU> <Screening_reason_code>{1,1}</Screening_reason_code> <Screening_process_status>{1,1}</Screening_process_status> <Screening_error_code>{1,1}</Screening_error_code> <Invitation>{0,unbounded}</Invitation> </Screening> </pre>						
Source	<pre> <xs:element name="Screening" minOccurs="1" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </pre>						


```

        </xs:simpleType>
        <xs:simpleType>
            <xs:restriction base="xs:int" />
        </xs:simpleType>
    </xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="([0-9])*/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:int" />
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PALTU" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
<!-- Invitation -->
<xs:element name="Invitation" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Invitation_id" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="40"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
            <xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime"
nillable="true"/>
            <xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:int" />
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

<xs:element name="Randomisation_code" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<!-- Notice -->
<xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Control -->
<xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Control_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="([0-9])*/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
      <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <!-- Preliminary Info -->
      <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
            <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1"
nillable="true">
              <xs:simpleType>
                <xs:union>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:length value="0"/>
                    </xs:restriction>
                  </xs:simpleType>
                  <xs:simpleType>
                    <xs:restriction base="xs:int"/>
                  </xs:simpleType>
                </xs:union>
              </xs:simpleType>
            </xs:element>

```

```

nillable="true">
    <xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:union>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                    </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:int">
                        <xs:minInclusive value="0"/>
                        <xs:maxInclusive value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
nillable="true">
    <xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:union>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                    </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:int"/>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
nillable="true">
    <xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:union>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                    </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:decimal"/>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1"
        type="xs:date" nillable="true"/>
    <xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1"
        nillable="true">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="1024"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Sample -->
<xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="40"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:int"/>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>

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        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
</xs:element>
<xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/>
>
<xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Analysis -->
<xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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nillable="true">
    <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="32000"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="11"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="11"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="64"/>
                <xs:pattern value="([0-9.-])*"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Result_type" minOccurs="1" maxOccurs="1"
                type="xs:int"/>
            <xs:element name="Result_code" minOccurs="1" maxOccurs="1"
                nillable="true">
                    <xs:simpleType>
                        <xs:union>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:length value="0"/>
                                </xs:restriction>
                            </xs:simpleType>
                            <xs:simpleType>
                                <xs:restriction base="xs:int"/>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>
                </xs:element>
            <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1"
                nillable="true">
                    <xs:simpleType>
                        <xs:union>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:length value="0"/>
                                </xs:restriction>
                            </xs:simpleType>
                            <xs:simpleType>
                                <xs:restriction base="xs:int">
                                    <xs:minInclusive value="0"/>
                                    <xs:maxInclusive value="1"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>
                </xs:element>
            <xs:element name="Result_value" minOccurs="1" maxOccurs="1"
                nillable="true">
                    <xs:simpleType>
                        <xs:union>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:length value="0"/>
                                </xs:restriction>
                            </xs:simpleType>
                            <xs:simpleType>
                                <xs:restriction base="xs:int"/>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>
                </xs:element>

```

```
<xs:element name="Result_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_text" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="32000"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
<xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="11"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:int"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="12"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
            <xs:pattern value="([0-9.-])*/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

Element ScreeningInvitations / Person / Screening / Screening_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Screening / Screening_id

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Screening_year

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element screeningInvitations / Person / Screening / Screening_municipality

Namespace	No namespace		
Diagram			
Type	restriction of xs:token		
Properties	<table> <tr><td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

	minOccurs:	1
	maxOccurs:	1
Facets	length	3
	pattern	([0-9])*
Source	<pre><xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="3"/> <xs:pattern value="([0-9])*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Screening / Health_area_code

Namespace	No namespace	
Diagram		
Type	union of(restriction of xs:string, xs:int)	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Source	<pre><xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int" /> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Screening / Screening_laboratory_id

Namespace	No namespace	
Diagram		
Type	restriction of xs:string	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Facets	maxLength	64
Source	<pre><xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Screening / Laboratory_screening_id

Namespace	No namespace	
Diagram		

Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Facets	maxLength 40
Source	<pre><xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / PALTU

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled 'PALTU' with 'Type' and 'Restriction of 'xs:string'' below it. A line connects this box to a facet box labeled 'restricts: xs:string' with a 'maxLength' facet set to '40'.</p>
Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Facets	maxLength 40
Source	<pre><xs:element name="PALTU" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Screening_reason_code

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled 'Screening_reason_code' with 'Type' and 'xs:int' below it. A line connects this box to a box labeled 'xs:int'. A callout box points to the 'xs:int' box with the text: 'Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...'.</p>
Type	xs:int
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre><xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1" type="xs:int"/></pre>

Element ScreeningInvitations / Person / Screening / Screening_process_status

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled 'Screening_process_status' with 'Type' and 'xs:int' below it. A line connects this box to a box labeled 'xs:int'. A callout box points to the 'xs:int' box with the text: 'Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...'.</p>
Type	xs:int
Properties	content: simple
	minOccurs: 1

	maxOccurs: 1
Source	<code><xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1" type="xs:int"/></code>

Element ScreeningInvitations / Person / Screening / Screening_error_code

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Screening / Invitation

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Invitation_id , Invitation_type_code , Invitation_creation_date , Suggested_control_time , Cancellation_reason , Randomisation_code , Notice* , Control*						
Children	Cancellation_reason, Control, Invitation_creation_date, Invitation_id, Invitation_type_code, Notice, Randomisation_code, Suggested_control_time						
Instance	<pre> <Invitation> <Invitation_id>{1,1}</Invitation_id> <Invitation_type_code>{1,1}</Invitation_type_code> <Invitation_creation_date>{1,1}</Invitation_creation_date> <Suggested_control_time>{1,1}</Suggested_control_time> <Cancellation_reason>{1,1}</Cancellation_reason> <Randomisation_code>{1,1}</Randomisation_code> <Notice>{0,unbounded}</Notice> <Control>{0,unbounded}</Control> </Invitation> </pre>						
Source	<pre> <xs:element name="Invitation" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Invitation_id" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </pre>						

```

</xs:element>
<xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime"
nillable="true"/>
<xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Randomisation_code" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<!-- Notice -->
<xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Control -->
<xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Control_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="([0-9])*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
      <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <!-- Preliminary Info -->
  <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
    <xs:complexType>

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        <xs:sequence>
          <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
          <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int">
                    <xs:minInclusive value="0"/>
                    <xs:maxInclusive value="1"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:decimal"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1"
type="xs:date" nillable="true"/>
          <xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="1024"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <!-- Sample -->
    <xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>

```

```

<xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Analysis -->
<xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

nillable="true">
    </xs:element>
    <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
            <xs:union>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                    </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                    <xs:restriction base="xs:decimal"/>
                </xs:simpleType>
            </xs:union>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="32000"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
    <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="11"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="64"/>
                <xs:pattern value="([0-9.-])*"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:int"/>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:int">
                                <xs:minInclusive value="0"/>
                                <xs:maxInclusive value="1"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>

```

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        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0" />
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int" />
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0" />
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:decimal" />
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="32000" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date" />
    <xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="11" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0" />
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int" />
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="12" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64" />
          <xs:pattern value="([0-9.-])*" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```

```
</xs:element>
```

Element ScreeningInvitations / Person / Screening / Invitation / Invitation_id

Namespace	No namespace						
Diagram							
Type	restriction of xs:string						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>maxLength</td><td>40</td></tr> </table>	maxLength	40				
maxLength	40						
Source	<pre><xs:element name="Invitation_id" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Invitation_type_code

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/></pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Invitation_creation_date

Namespace	No namespace						
Diagram							
Type	xs:date						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/></pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Suggested_control_time

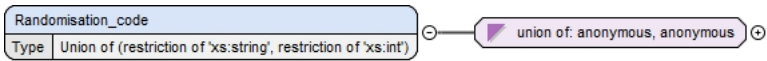
Namespace	No namespace
Diagram	

Type	xs:dateTime
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre><xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime" nillable="true"/></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Cancellation_reason

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, xs:int)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre><xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Randomisation_code

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, xs:int)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre><xs:element name="Randomisation_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Notice

Namespace	No namespace
-----------	--------------

Diagram							
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Notice_type , Notice_date						
Children	Notice_date, Notice_type						
Instance	<pre><Notice> <Notice_type>{1,1}</Notice_type> <Notice_date>{1,1}</Notice_date> </Notice></pre>						
Source	<pre><xs:element name="Notice" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/> </xs:sequence> </xs:complexType> </xs:element></pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Notice / Notice_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/></pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Notice / Notice_date

Namespace	No namespace								
Diagram									
Type	xs:date								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre><xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/></pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control

Namespace	No namespace
-----------	--------------

Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Control_id , Laboratory_id , Control_municipality , Control_date , Control_type , Control_status_code , Control_status_decision_name , Preliminary_info {0,1} , Sample*						
Children	Control_date, Control_id, Control_municipality, Control_status_code, Control_status_decision_name, Control_type, Laboratory_id, Preliminary_info, Sample						
Instance	<pre> <Control> <Control_id>{1,1}</Control_id> <Laboratory_id>{1,1}</Laboratory_id> <Control_municipality>{1,1}</Control_municipality> <Control_date>{1,1}</Control_date> <Control_type>{1,1}</Control_type> <Control_status_code>{1,1}</Control_status_code> <Control_status_decision_name>{1,1}</Control_status_decision_name> <Preliminary_info>{0,1}</Preliminary_info> <Sample>{0,unbounded}</Sample> </Control> </pre>						
Source	<pre> <xs:element name="Control" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Control_id" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="3"/> <xs:pattern value="([0-9])*/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/> <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1" type="xs:string"/> <xs:element name="Sample" minOccurs="0" maxOccurs="unbounded" type="xs:string"/> </xs:sequence> </xs:complexType> </xs:element> </pre>						

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Preliminary Info -->
<xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
      <xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="1024"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Sample -->
<xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>

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```

<xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Analysis -->
<xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>

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        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:decimal"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="32000"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
    <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="11"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
          <xs:pattern value="([0-9.-])*"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:decimal"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="32000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1"
nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.-])*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

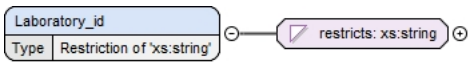
```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Control_id

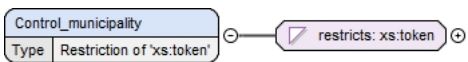
Namespace	No namespace
Diagram	<pre> graph LR A[Control_id Type Restriction of 'xs:string'] --- B(restricts: xs:string ⊕) </pre>

Type	restriction of xs:string	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
Facets	maxLength	40
Source	<pre><xs:element name="Control_id" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Screening / Invitation / Control / Laboratory_id

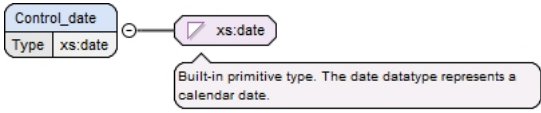
Namespace	No namespace	
Diagram		
Type	restriction of xs:string	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	false
Facets	maxLength	64
Source	<pre><xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Screening / Invitation / Control / Control_municipality

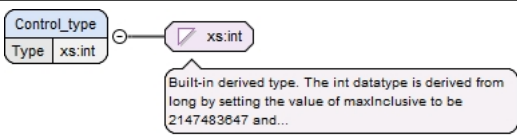
Namespace	No namespace	
Diagram		
Type	restriction of xs:token	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
Facets	length	3
	pattern	([0-9])*
Source	<pre><xs:element name="Control_municipality" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="3"/> <xs:pattern value="([0-9])**"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

Element ScreeningInvitations / Person / Screening / Invitation / Control / Control_date

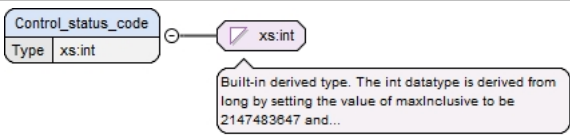
Namespace	No namespace
-----------	--------------

Diagram							
Type	xs:date						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/></code>						

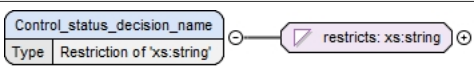
Element ScreeningInvitations / Person / Screening / Invitation / Control / Control_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Control_status_code

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Control_status_decision_name

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre><xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> </xs:restriction> </xs:simpleType> </xs:element></pre>								

```

</xs:restriction>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	Preliminary_info_type , Preliminary_info_code , Preliminary_info_boolean , Preliminary_info_value , Preliminary_info_decimal , Preliminary_info_date , Preliminary_info_text						
Children	Preliminary_info_boolean, Preliminary_info_code, Preliminary_info_date, Preliminary_info_decimal, Preliminary_info_text, Preliminary_info_type, Preliminary_info_value						
Instance	<pre> <Preliminary_info> <Preliminary_info_type>{1,1}</Preliminary_info_type> <Preliminary_info_code>{1,1}</Preliminary_info_code> <Preliminary_info_boolean>{1,1}</Preliminary_info_boolean> <Preliminary_info_value>{1,1}</Preliminary_info_value> <Preliminary_info_decimal>{1,1}</Preliminary_info_decimal> <Preliminary_info_date>{1,1}</Preliminary_info_date> <Preliminary_info_text>{1,1}</Preliminary_info_text> </Preliminary_info> </pre>						
Source	<pre> <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>						

```

        <xs:maxInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:decimal"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
<xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="1024"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_code

Namespace	No namespace				
Diagram					
Type	union of(restriction of xs:string, xs:int)				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1
content:	simple				
minOccurs:	1				

	maxOccurs: 1
	nillable: true
Source	<pre><xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_boolean

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, restriction of xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre><xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_value

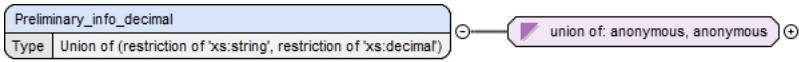
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre><xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>								

```

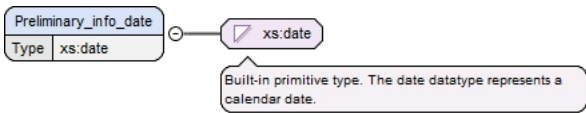
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>

```

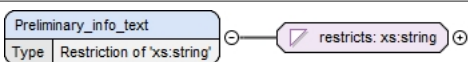
Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_decimal

Namespace	No namespace								
Diagram									
Type	union of (restriction of xs:string, restriction of xs:decimal)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:decimal"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_date

Namespace	No namespace								
Diagram									
Type	xs:date								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_text

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>1024</td></tr> </table>	maxLength	1024						
maxLength	1024								
Source	<pre> <xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1" nillable="true"> </pre>								

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="1024" />
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Sample_id , Sample_type , Sample_tool , Sample_date , Sample_success , Sample_doer , Analysis* , Result*						
Children	Analysis, Result, Sample_date, Sample_doer, Sample_id, Sample_success, Sample_tool, Sample_type						
Instance	<pre> <Sample> <Sample_id>{1,1}</Sample_id> <Sample_type>{1,1}</Sample_type> <Sample_tool>{1,1}</Sample_tool> <Sample_date>{1,1}</Sample_date> <Sample_success>{1,1}</Sample_success> <Sample_doer>{1,1}</Sample_doer> <Analysis>{0,unbounded}</Analysis> <Result>{0,unbounded}</Result> </Sample> </pre>						
Source	<pre> <xs:element name="Sample" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Sample_id" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int" /> <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0" /> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int" /> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date" /> <xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int" /> </xs:sequence> </xs:complexType> </xs:element> </pre>						

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<xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Analysis -->
<xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="32000"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
      <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="11"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
          <xs:pattern value="([0-9.-])*"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="32000"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```



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</xs:simpleType>
</xs:element>
<xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.-])*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Sample_id

Namespace	No namespace						
Diagram	<pre> classDiagram class Sample_id { Type } Sample_id -- > Restriction_of_xs_string : Restriction of 'xs:string' Restriction_of_xs_string -- > restricts_xs_string : restricts: xs:string </pre>						
Type	restriction of xs:string						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr> <td>maxLength</td><td>40</td></tr> </table>	maxLength	40				
maxLength	40						
Source	<pre> <xs:element name="Sample_id" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Sample_type

Namespace	No namespace
-----------	--------------

Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Sample_tool

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Sample_date

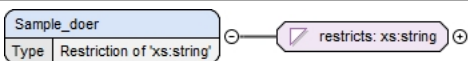
Namespace	No namespace						
Diagram							
Type	xs:date						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/></code>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Sample_success

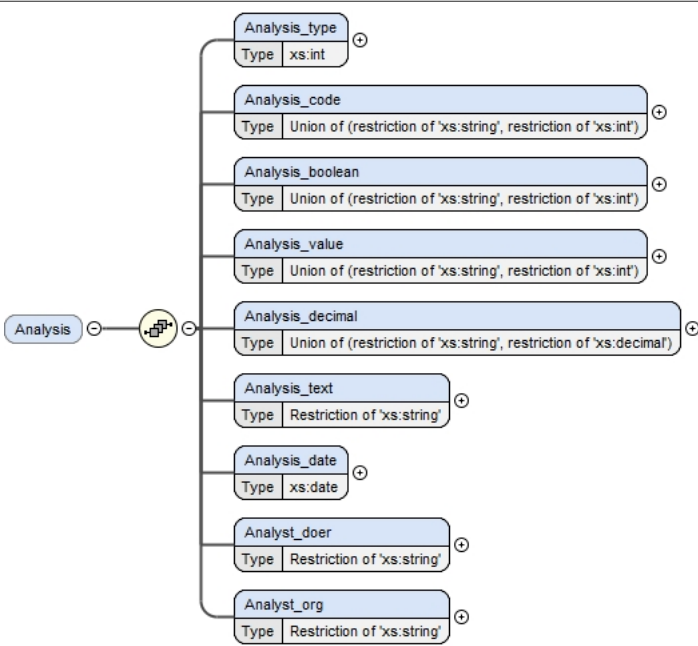
Namespace	No namespace
Diagram	

Type	xs:int
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<code><xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/></code>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Sample_doer

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Facets	maxLength 11
Source	<pre><xs:element name="Sample_doer" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="11"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis

Namespace	No namespace
Diagram	
Properties	content: complex
	minOccurs: 0
	maxOccurs: unbounded
Model	Analysis_type , Analysis_code , Analysis_boolean , Analysis_value , Analysis_decimal , Analysis_text , Analysis_date , Analyst_doer , Analyst_org
Children	Analysis_boolean, Analysis_code, Analysis_date, Analysis_decimal, Analysis_text, Analysis_type, Analysis_value, Analyst_doer, Analyst_org

Instance	<pre> <Analysis> <Analysis_type>{1,1}</Analysis_type> <Analysis_code>{1,1}</Analysis_code> <Analysis_boolean>{1,1}</Analysis_boolean> <Analysis_value>{1,1}</Analysis_value> <Analysis_decimal>{1,1}</Analysis_decimal> <Analysis_text>{1,1}</Analysis_text> <Analysis_date>{1,1}</Analysis_date> <Analyst_doer>{1,1}</Analyst_doer> <Analyst_org>{1,1}</Analyst_org> </Analysis> </pre>
Source	<pre> <xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:decimal"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="32000"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.-])*/"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_code

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_boolean

Namespace	No namespace
Diagram	

Type	union of(restriction of xs:string, restriction of xs:int)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre> <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_value

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, xs:int)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre> <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_decimal

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, xs:decimal)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre> <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> </pre>

```

<xs:restriction base="xs:string">
  <xs:length value="0"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType>
  <xs:restriction base="xs:decimal"/>
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_text

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>32000</td></tr> </table>	maxLength	32000						
maxLength	32000								
Source	<pre> <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="32000"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analysis_date

Namespace	No namespace						
Diagram							
Type	xs:date						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/> </pre>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analyst_doer

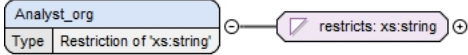
Namespace	No namespace						
Diagram							
Type	restriction of xs:string						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>maxLength</td><td>11</td></tr> </table>	maxLength	11				
maxLength	11						
Source	<pre> <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> </pre>						

```

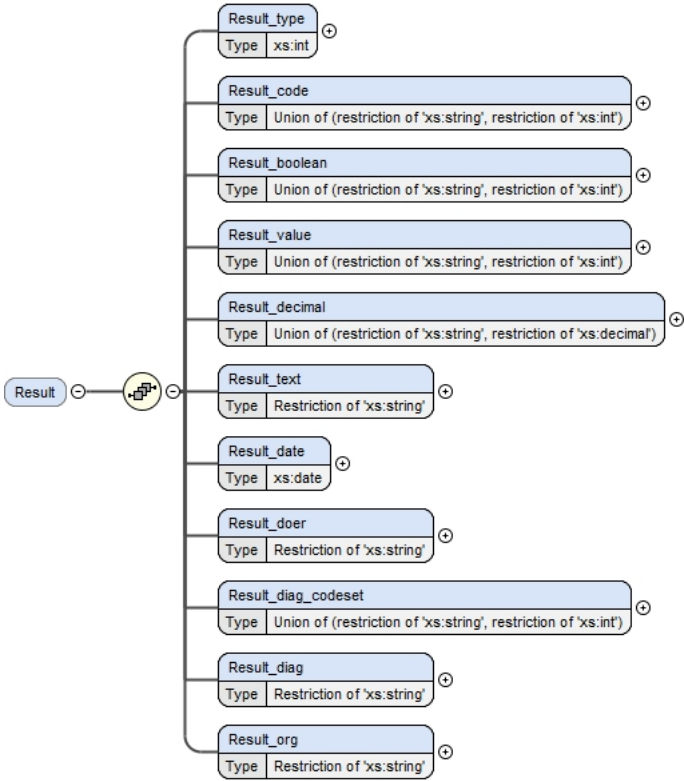
<xs:maxLength value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Analysis / Analyst_org

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> <tr><td>pattern</td><td>([0-9.-])*</td></tr> </table>	maxLength	64	pattern	([0-9.-])*				
maxLength	64								
pattern	([0-9.-])*								
Source	<pre> <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> <xs:pattern value="([0-9.-])*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result

Namespace	No namespace						
Diagram							
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						

Model	Result_type , Result_code , Result_boolean , Result_value , Result_decimal , Result_text , Result_date , Result_doer , Result_diag_codeset , Result_diag , Result_org
Children	Result_boolean, Result_code, Result_date, Result_decimal, Result_diag, Result_diag_codeset, Result_doer, Result_org, Result_text, Result_type, Result_value
Instance	<pre> <Result> <Result_type>{1,1}</Result_type> <Result_code>{1,1}</Result_code> <Result_boolean>{1,1}</Result_boolean> <Result_value>{1,1}</Result_value> <Result_decimal>{1,1}</Result_decimal> <Result_text>{1,1}</Result_text> <Result_date>{1,1}</Result_date> <Result_doer>{1,1}</Result_doer> <Result_diag_codeset>{1,1}</Result_diag_codeset> <Result_diag>{1,1}</Result_diag> <Result_org>{1,1}</Result_org> </Result> </pre>
Source	<pre> <xs:element name="Result" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/> <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:decimal"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="32000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.-])*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>						

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_code

Namespace	No namespace		
Diagram			
Type	union of(restriction of xs:string, xs:int)		
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre><xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_boolean

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, restriction of xs:int)
Properties	content: simple minOccurs: 1 maxOccurs: 1 nillable: true
Source	<pre><xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_value

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, xs:int)
Properties	content: simple minOccurs: 1 maxOccurs: 1 nillable: true
Source	<pre><xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

```

</xs:simpleType>
<xs:simpleType>
  <xs:restriction base="xs:int"/>
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>

```

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_decimal

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:decimal)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:decimal"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_text

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>32000</td></tr> </table>	maxLength	32000						
maxLength	32000								
Source	<pre> <xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="32000"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>								

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_date

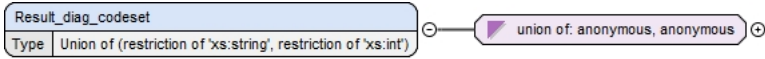
Namespace	No namespace
Diagram	

Type	xs:date
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<code><xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/></code>

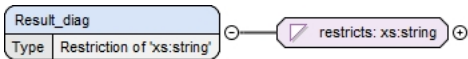
Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_doer

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Facets	maxLength 11
Source	<pre><xs:element name="Result_doer" minOccurs="1" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="11"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_diag_codeset

Namespace	No namespace
Diagram	
Type	union of(restriction of xs:string, xs:int)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre><xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:union> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="0"/> </xs:restriction> </xs:simpleType> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:union> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_diag

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple

	minOccurs: 1
	maxOccurs: 1
	nillable: true
Facets	maxLength 12
Source	<pre><xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

Element ScreeningInvitations / Person / Screening / Invitation / Control / Sample / Result / Result_org

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled 'Result_org' with 'Type' and 'Restriction of xs:string' below it. A line connects this box to a facet box labeled 'restricts: xs:string'.</p>
Type	restriction of xs:string
Properties	content: simple minOccurs: 1 maxOccurs: 1 nillable: true
Facets	maxLength 64 pattern ([0-9.-]) *
Source	<pre><xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="64"/> <xs:pattern value="([0-9.-]) *"/> </xs:restriction> </xs:simpleType> </xs:element></pre>