Health & Care Information Model:

nl.zorg.LaboratoryTestResult-v6.0

Status: Final
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1. nl.zorg.LaboratoryTestResult-v6.0

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HCIM::PublicationLanguage	EN

1.1 Revision History

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Publicatieversie 1.1 (01-07-2013)

Publicatieversie 1.2 (01-04-2015)
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ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

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Bevat: ZIB-392.

Publicatieversie 1.2.2 (16-07-2015)
Bevat: ZIB-420.

Publicatieversie 3.0 (01-05-2016)
Bevat: ZIB-423, ZIB-453.

Publicatieversie 4.0 (04-09-2017)
Bevat: ZIB-479, ZIB-549, ZIB-564, ZIB-576, ZIB-481, ZIB-577.

Publicatieversie 4.1 (31-12-2017)
Bevat: ZIB-609, ZIB-611, ZIB-621, ZIB-645, ZIB-646.

Publicatieversie 4.2 (01-10-2018)

Bevat: ZIB-649, ZIB-676.

Publicatieversie 4.3 (26-02-2019)
Bevat: ZIB-639, ZIB-703.

Publicatieversie 4.4 (06-07-2019)
Bevat: ZIB-669, ZIB-880.

Publicatieversie 4.5 (31-01-2020)
Bevat: ZIB-910, ZIB-901, ZIB-902.

Publicatieversie 4.6 (01-09-2020)
Bevat: ZIB-1016, ZIB-1148.

Publicatieversie 5.0 (01-12-2021)
Bevat: ZIB-1072, ZIB-1269, ZIB-1293, ZIB-1465, ZIB-1551, ZIB-1553.

Publicatieversie 5.1 (10-06-2022)
Bevat: ZIB-1292, ZIB-1552, ZIB-1686, ZIB-1698, ZIB-1699.

Publicatieversie 6.0 (15-10-2023)
Bevat: ZIB-1584, ZIB-1697,ZIB-1784, ZIB-1845, ZIB-1958, ZIB-1990, ZIB-1974, ZIB-2019.

1.2 Concept

A laboratory result describes the result of a laboratory analysis.
These are specimen-oriented tests as performed in laboratories such as Clinical Chemistry, Serology, Microbiology, etc.
In addition to the results of tests with a singular result, this concept can also contain the results of more complex tests with multiple results or a 'panel'.

1.3 Mindmap

1.4 Purpose

Laboratory tests are done for the purpose of diagnosing and preventing disease and follow-up on the effects of treatment.

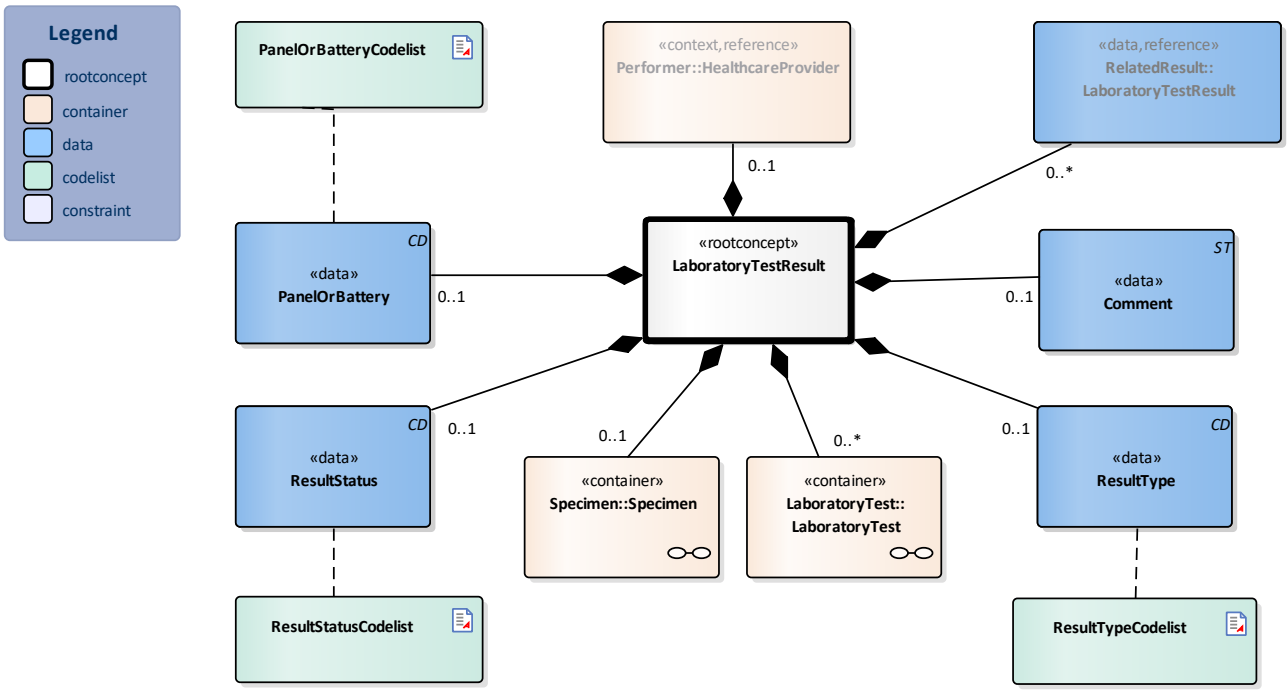
1.5 Patient Population

1.6 Evidence Base

There are two information models for recording laboratory test results: TextResult and LaboratoryTestResult.

In the case of laboratory test results, it is difficult to clearly indicate exactly when to use this information model and when to use the TextResult information model.
In general, laboratory tests resulting in a value (7.1 mmol/L), ordinal number (++ from series to ++++) or a quantitative result (Low) are recorded using this information model. The TextResult information model is better suited for textual results that are more descriptive in nature and which are longer than just a few words. Both types of tests occur in almost all laboratories.
The applicability of the aforementioned information models is not determined by the kind of lab but by the kind of result.

1.7 Information Model



«rootconcept»	LaboratoryTestResult	
Definitie	Root concept of the LaboratoryTestResult information model. This root concept contains all data elements of the LaboratoryTestResult information model.	
Datatype		
DCM::ConceptId	NL-CM:13.1.1	
Opties		

«data»	PanelOrBattery	
Definitie	For laboratory tests comprising multiple subtests and often requested together as a whole, this concept contains the name of the compound request (often indicated as a ‘panel’, ‘battery’ or ‘cluster’). Examples include: blood gases and EBV serology.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.4	
DCM::ExampleValue	Bloedgassen	
DCM::ValueSet	PanelOrBatteryCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.5
Opties		

«data»	ResultStatus	
Definitie	The status of the laboratory test result. If the laboratory test is a panel/cluster, this status reflects the status of the whole panel/cluster. If the status item per subtest is used too, this status must be in accordance with these status values.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.6	
DCM::DefinitionCode	LOINC: 92235-1 Lab order result status	
DCM::ExampleValue	Definitief	
DCM::ValueSet	ResultStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.8
Opties		

«data»	Comment	
Definitie	Comments, such as a textual interpretation or advice accompanying the result, for example.	
Datatype	ST	
DCM::ConceptId	NL-CM:13.1.5	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«data»	ResultType	
Definitie	The type of result defines the laboratory specialty under which the test is categorized.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.7	
DCM::ExampleValue	Klinische Chemie	
DCM::ValueSet	ResultTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.1
Opties		

«data»	RelatedResult::LaboratoryTestResult	
Definitie	Reference to related tests, *e.g.* paired tests or sequential tests like gram staining and microbiological cultures. It concerns previous results that collectively lead to the current interpretation.	
Datatype		
DCM::ConceptId	NL-CM:13.1.33	
DCM::ReferencedConceptId	NL-CM:13.1.1	This is a reference to the rootconcept of information model LaboratoryTestResult.
Opties		

«context»	Performer::HealthcareProvider	
Definitie	The healthcare provider who is responsible for the excecution of the laboratory examination and delivering the Laboratory result.	
Datatype		
DCM::ConceptId	NL-CM:13.1.35	
DCM::ReferencedConceptId	NL-CM:17.2.1	This is a reference to the rootconcept of information model HealthcareProvider.
Opties		

«document»	PanelOrBatteryCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.5	
HCIM::ValueSetLanguage	--	
Opties		

OnderzoekCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.5**
Codes	Coding Syst. Name	Coding System OID
Alle waarden	LOINC	2.16.840.1.113883.6.1

Specifiekere waardenlijsten zullen op termijn opgeleverd worden door het project "Lab-Terminologie"

«document»	ResultStatusCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.8	
HCIM::ValueSetLanguage	EN	
Opties		

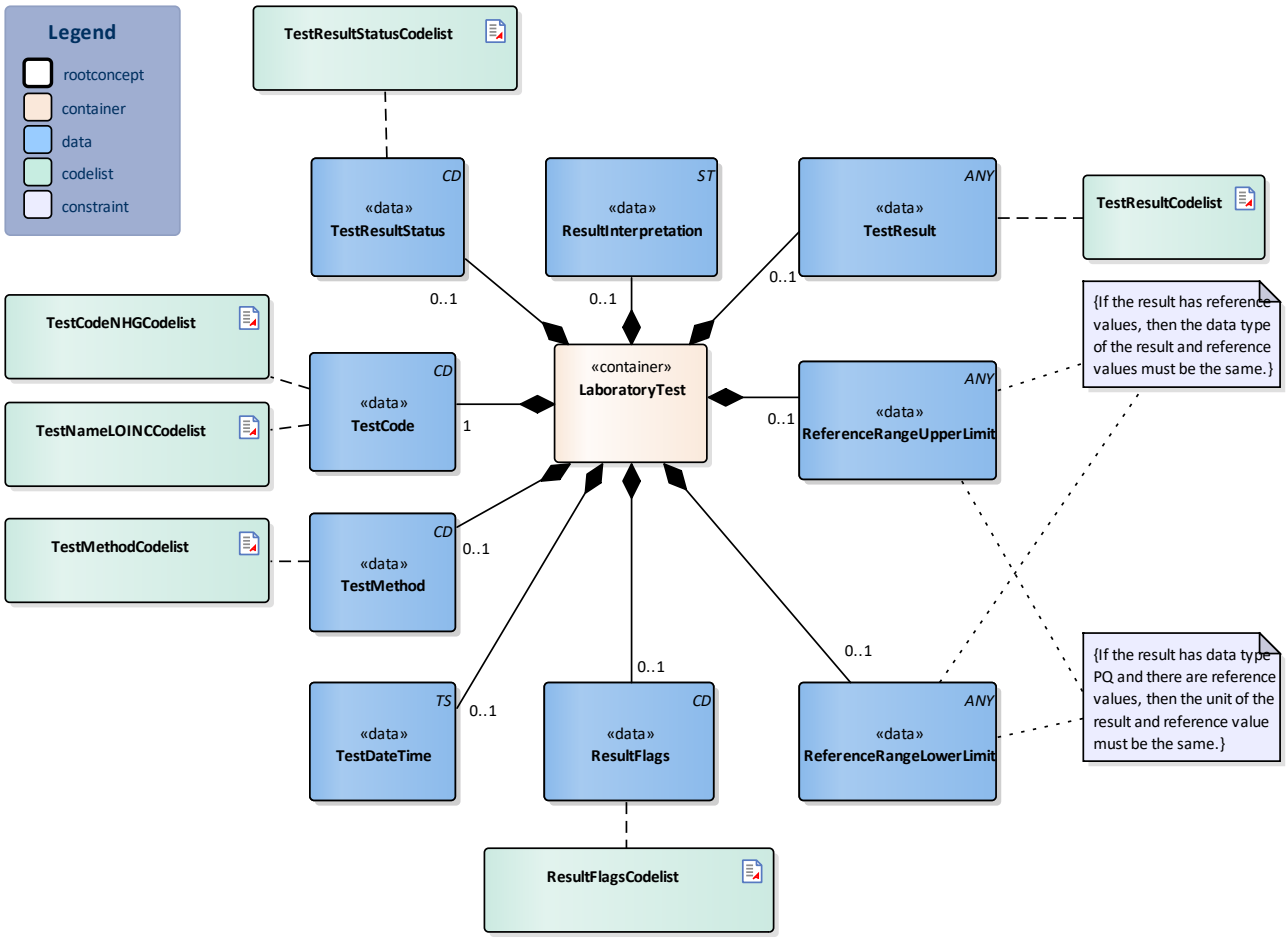
ResultaatStatusCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.8**		
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Pending	pending	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Uitslag volgt
Preliminary	preliminary	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Voorlopig
Final	final	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Definitief
Appended	appended	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Aanvullend
Corrected	corrected	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Gecorrigeerd

«document»	ResultTypeCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.1	
HCIM::ValueSetLanguage	--	
Opties		

ResultaatTypeCodelijst			**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.1**	
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Omschrijving**
Hematology	252275004	SNOMED CT	2.16.840.1.113883.6.96	Hematologie
Chemistry	275711006	SNOMED CT	2.16.840.1.113883.6.96	Klinische chemie
Serology	68793005	SNOMED CT	2.16.840.1.113883.6.96	Serologie/ immunologie
Virology	395124008	SNOMED CT	2.16.840.1.113883.6.96	Virologie
Toxicology	314076009	SNOMED CT	2.16.840.1.113883.6.96	Toxicologie
Microbiology	19851009	SNOMED CT	2.16.840.1.113883.6.96	Microbiologie
Molecular genetics	405825005	SNOMED CT	2.16.840.1.113883.6.96	Moleculaire genetica

	Legend
Definitie	
Datatype	
Opties	

1.7.1 LaboratoryTest



«container»	LaboratoryTest	
Definitie	Container of the LaboratoryTest concept. This container contains all data elements of the LaboratoryTest concept.	
Datatype		
DCM::ConceptId	NL-CM:13.1.3	
Opties		

«data»	TestCode	
Definitie	The name and code of the executed test.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.8	
DCM::ExampleValue	HbA1c (glycohemoglobine) IFCC	
DCM::ValueSet	TestCodeNHGCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.16
DCM::ValueSet	TestNameLOINCCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.3
Opties		

«data»	TestMethod	
Definitie	The test method used to obtain the result.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.9	
DCM::DefinitionCode	SNOMED CT: 246501002 Technique (attribute)	
DCM::ExampleValue	IFCC	

DCM::ValueSet	TestMethodCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.4
Opties		

«data»	TestDateTime	
Definitie	The date and if possible the time at which the test was carried out.	
Datatype	TS	
DCM::ConceptId	NL-CM:13.1.13	
DCM::ExampleValue	10-07-2012 20:15	
Opties		

«data»	TestResult	
Definitie	The test result. Depending on the type of test, the result will consist of a value with a unit or a coded value (ordinal or nominal).	
Datatype	ANY	
DCM::ConceptId	NL-CM:13.1.10	
DCM::ExampleValue	53 mmol/mol	
DCM::ValueSet	TestResultCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.17
Opties		

«data»	TestResultStatus	
Definitie	The status of the test result of this test. If the laboratory test is a panel/cluster, the overall status is given in the status of the panel/cluster.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.31	
DCM::DefinitionCode	LOINC: 92236-9 Lab observation result status	
DCM::ValueSet	TestResultStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.15
Opties		

«data»	ReferenceRangeUpperLimit	
Definitie	The upper reference limit for the patient of the value measured in the test.	
Datatype	ANY	
DCM::ConceptId	NL-CM:13.1.11	
DCM::ExampleValue	42 mmol/mol	
Opties		

«data»	ReferenceRangeLowerLimit	
Definitie	The lower reference limit for the patient of the value measured with the test.	
Datatype	ANY	
DCM::ConceptId	NL-CM:13.1.12	
DCM::ExampleValue	20 mmol/mol	
Opties		

«data»	ResultFlags	
Definitie	Attention codes indicating whether the result of a quantitative test is above or below certain reference values or interpreting the result otherwise.(Resistent). The values Resistant, Intermediate en Susceptible are used with microbiological test results.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.14	

DCM::DefinitionCode	SNOMED CT: 363713009 Has interpretation	
DCM::ExampleValue	High	
DCM::ValueSet	ResultFlagsCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.7
Opties		

«data»	ResultInterpretation	
Definitie	Comment of the laboratory specialist regarding the interpretation of the results	
Datatype	ST	
DCM::ConceptId	NL-CM:13.1.32	
DCM::DefinitionCode	SNOMED CT: 441742003 Evaluation finding	
Opties		

«document»	TestCodeNHGCodelist	
Definitie	These are the values of which the field "Soort" contains the letter "L"	
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.16	
HCIM::ValueSetLanguage	--	
Opties		

TestCodeNHGCodelijst	**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.16**	
Codes	Coding Syst. Name	Coding System OID
Alle labbepaling waarden	NHG tabel 45	2.16.840.1.113883.2.4.4.30.45

«document»	TestResultCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.17	
HCIM::ValueSetLanguage	--	
Opties		

TestUitslagCodelijst	**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.17**	
Codes	**Coding Syst. Name**	**Coding System OID**
Refset: SNOMED CT: ^2581000146104 |simpele referentieset voor micro-organismen (metadata)|	SNOMED CT	2.16.840.1.113883.6.96
Refset: SNOMED CT: ^46231000146109 |simpele referentieset met ordinale uitslagen (metadata)|	SNOMED CT	2.16.840.1.113883.6.96
Refset: SNOMED CT: ^97801000146108 |simpele referentieset met ordinale uitslagen van microscopische bepalingen (metadata)|	SNOMED CT	2.16.840.1.113883.6.96
Refset: SNOMED CT: ^140301000146101 |simpele referentieset met ordinale uitslagen van bepalingen van antibioticagevoeligheid (metadata)|	SNOMED CT	2.16.840.1.113883.6.96
Refset: SNOMED CT: ^145871000146106 |simpele referentieset met typen mengflora (metadata)|	SNOMED CT	2.16.840.1.113883.6.96

«document»	TestNameLOINCCodelist
Definitie	
Datatype	
DCM::ValueSetBinding	Required
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.3
HCIM::ValueSetLanguage	--
Opties	

TestCodeLOINCCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.3
Codes	Coding Syst. Name	Coding System OID
Alle waarden	Nederlandse Labcodeset	2.16.840.1.113883.2.4.3.11.51.1

«document»	TestMethodCodelist
Definitie	
Datatype	
DCM::ValueSetBinding	Extensible
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.4
HCIM::ValueSetLanguage	--
Opties	

TestmethodeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.4
Codes	**Coding Syst. Name**	**Coding System OID**
SNOMED CT: < 272394005 |Technique (qualifier value)| [DEPRECATED]	SNOMED CT	2.16.840.1.113883.6.96
SNOMED CT: ^260131000146101 | Dutch laboratory test method simple reference set |	SNOMED CT	2.16.840.1.113883.6.96

«document»	TestResultStatusCodelist
Definitie	
Datatype	
DCM::ValueSetBinding	Extensible
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.15
HCIM::ValueSetLanguage	EN
Opties	

TestUitslagStatusCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.15		
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Pending	pending	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Uitslag volgt
Preliminary	preliminary	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Voorlopig
Final	final	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Definitief
Appended	appended	ResultaatStatus	2.16.840.1.113883.2.4.3.11.60.40.4.16.1	Aanvullend
Corrected	corrected	ResultaatStatus	2.16.840.1.113883.2.4.3	Gecorrigeerd

			.11.60.40.4.16.1	

«document»	ResultFlagsCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.7	
HCIM::ValueSetLanguage	--	
Opties		

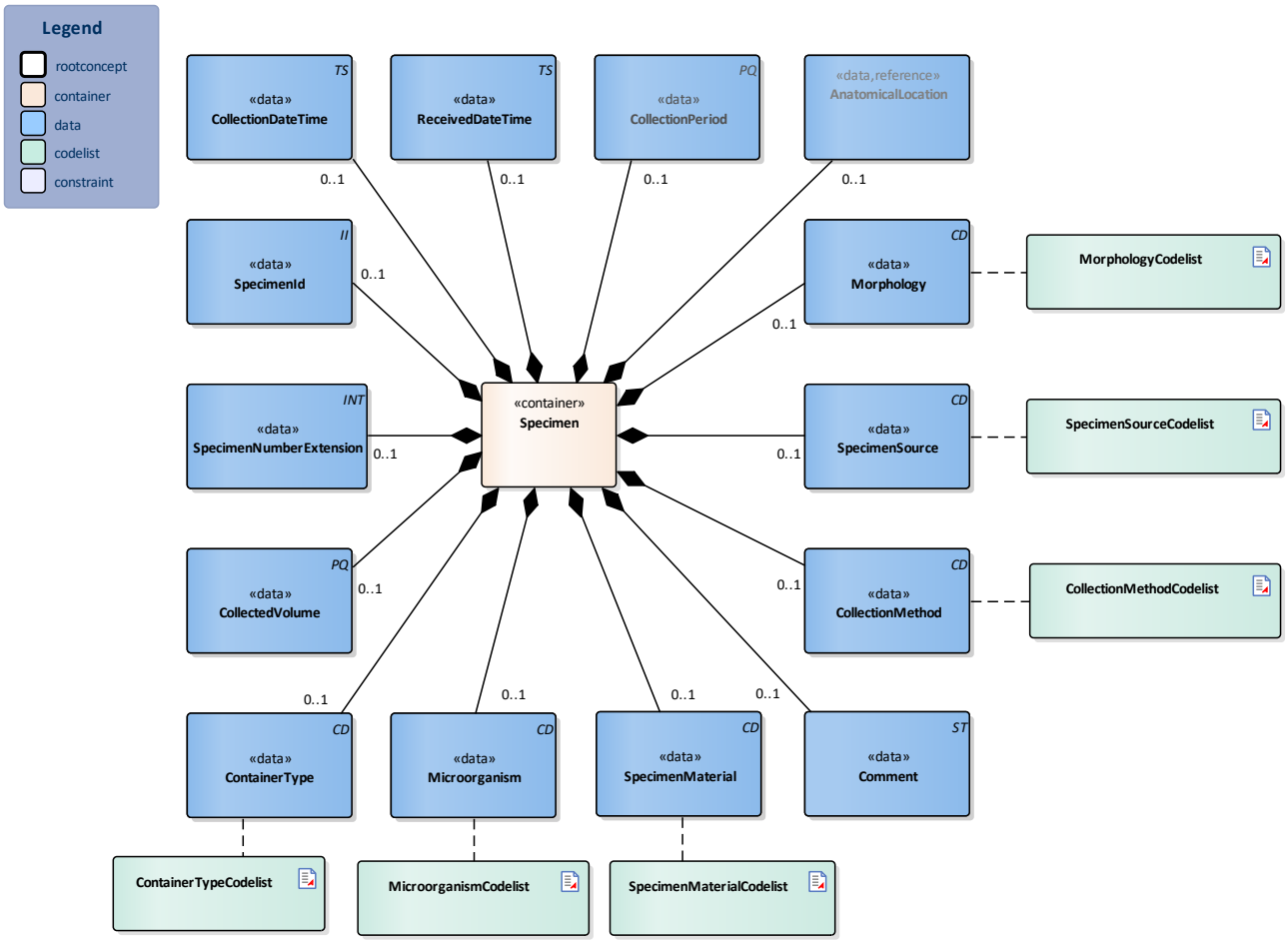
InterpretatieVlaggenCodelijst			**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.7**	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Above reference range	281302008	SNOMED CT	2.16.840.1.113883.6.96	Boven referentiewaarde
Below reference range	281300000	SNOMED CT	2.16.840.1.113883.6.96	Onder referentiewaarde
Intermediate	11896004	SNOMED CT	2.16.840.1.113883.6.96	Intermediair
Resistant	30714006	SNOMED CT	2.16.840.1.113883.6.96	Resistent
Susceptible	131196009	SNOMED CT	2.16.840.1.113883.6.96	Sensitief

	Legend
Definitie	
Datatype	
Opties	

	Constraint
Definitie	If the result has data type PQ and there are reference values, then the unit of the result and reference value must be the same.
Datatype	
Opties	

	Constraint
Definitie	If the result has reference values, then the data type of the result and reference values must be the same.
Datatype	
Opties	

1.7.2 Specimen



«container»	Specimen	
Definitie	Container of the concept Specimen. This container contains all data elements of the concept Specimen. A completed container is related to a sample from the Snomed Hierarchy. If the TestCode implicitly also describes a specimen (often the case if coded in LOINC), elements within the concept specimen may not conflict with it. However, if desired, these data can provide a more detailed description.This is in line with the agreements made in the IHE/Nictiz e-Lab programme.	
Datatype		
DCM::ConceptId	NL-CM:13.1.2	
DCM::DefinitionCode	SNOMED CT: 123038009 monster	
Opties		

«data»	SpecimenId	
Definitie	Identification number of the material obtained, as a reference for inquiries to the source organization. In a transmural setting, this number will consist of a specimen number including the identification of the issuing organization, to be unique outside of the borders of an organization.	
Datatype	II	
DCM::ConceptId	NL-CM:13.1.15	
Opties		

«data»	SpecimenNumberExtension
Definitie	The specimen number extension is used when the collected material is distributed from the original tube or container across multiple tubes. In

	combination with the specimen Id the extension yield a unique identification of the tube or container	
Datatype	INT	
DCM::ConceptId	NL-CM:13.1.20	
Opties		

«data»	ContainerType	
Definitie	Container type describes the envelope in which the material is collected or sent. Examples include blood tubes, transport container, possibly including culture medium.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.21	
DCM::DefinitionCode	SNOMED CT: 706046003 Specimen receptacle	
DCM::ValueSet	ContainerTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.9
Opties		

«data»	SpecimenMaterial	
Definitie	SpecimenMaterial describes the base material taken. For example: Plasma, Urine, Saliva etc. This element refers to the Substance hierarchy in Snomed.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.16	
DCM::DefinitionCode	SNOMED CT: 370133003 Specimen substance	
DCM::ExampleValue	Urine	
DCM::ValueSet	SpecimenMaterialCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.6
Opties		

«data»	AnatomicalLocation	
Definitie	Anatomical location where the material is collected, *e.g.* elbow.	
Datatype		
DCM::ConceptId	NL-CM:13.1.36	
DCM::DefinitionCode	SNOMED CT: 405814001 Procedure site - Indirect	
DCM::ReferencedConceptId	NL-CM:20.7.1	This is a reference to the rootconcept of information model AnatomicalLocation.
Opties		

«data»	Microorganism	
Definitie	In particular in microbiological determinations the subject of the test is an isolate of a certain microorganism rather then a material. This concept provides the ability to capture information about this microorganism.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.22	
DCM::ValueSet	MicroorganismCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.10
Opties		

«data»	CollectedVolume
Definitie	Total volume of the collected material. If it is necessary to determine the absolute amount of a particular substance in the collected material, the volume thereof must be given.

Datatype	PQ	
DCM::ConceptId	NL-CM:13.1.23	
Opties		

«data»	CollectionPeriod	
Definitie	If the material has not been collected at a single point in time but over a certain period, this period can be captured in this concept. An example is 24 hour urine.	
Datatype	PQ	
DCM::ConceptId	NL-CM:13.1.24	
Opties		

«data»	CollectionDateTime	
Definitie	Date and time at which the material was collected.	
Datatype	TS	
DCM::ConceptId	NL-CM:13.1.17	
DCM::DefinitionCode	SNOMED CT: 399445004 specimen collection date	
DCM::ExampleValue	10-07-2012 17:20	
Opties		

«data»	ReceivedDateTime	
Definitie	Date and time that the material is handed over at the laboratory or specimen collection center. This is the case with material that is collected by the patient himself.	
Datatype	TS	
DCM::ConceptId	NL-CM:13.1.25	
Opties		

«data»	CollectionMethod	
Definitie	If relevant for the results, the method of obtaining the specimen can be entered as well.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.18	
DCM::DefinitionCode	SNOMED CT: 118171006 Specimen procedure	
DCM::ExampleValue	Midstream	
DCM::ValueSet	CollectionMethodCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.2
Opties		

«data»	Morphology	
Definitie	Morphology describes morphological abnormalities of the anatomical location where the material is taken, for example wound, ulcer.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.28	
DCM::DefinitionCode	SNOMED CT: 118168003 Specimen source morphology	
DCM::ValueSet	MorphologyCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.13
Opties		

«data»	SpecimenSource
Definitie	If the material is not collected directly from the patient but comes from a

	patient-related object, *e.g.* a cathetertip, this source of material can be recorded here.	
Datatype	CD	
DCM::ConceptId	NL-CM:13.1.29	
DCM::DefinitionCode	SNOMED CT: 898201001 Device specimen	
DCM::ValueSet	SpecimenSourceCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.18
Opties		

«data»	Comment	
Definitie	Comments on the specimen , such as drawing material after a (glucose) stimulus or taking medicine.	
Datatype	ST	
DCM::ConceptId	NL-CM:13.1.19	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::ExampleValue	Na (glucose)stimulus	
Opties		

«document»	SpecimenSourceCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.18	
HCIM::ValueSetLanguage	--	
Opties		

BronMonsterCodelijst	**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.18**	
Codes	**Coding Syst. Name**	**Coding System OID**
SNOMED CT: << 125676002 |Person (person)| OR << 260787004 |Physical object (physical object)| OR << 276339004 |Environment (environment)|	SNOMED CT	2.16.840.1.113883.6.96

«document»	SpecimenMaterialCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.6	
HCIM::ValueSetLanguage	--	
Opties		

MonstermateriaalCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.6**
Codes	Coding Syst. Name	Coding System OID
SNOMED CT: < 105590001 |substantie|	SNOMED CT	2.16.840.1.113883.6.96

Specifiekere waardenlijsten zullen op termijn opgeleverd worden door het project "Lab-Terminologie"

«document»	ContainerTypeCodelist
Definitie	
Datatype	

DCM::ValueSetBinding	Required		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.9		
HCIM::ValueSetLanguage	--		
Opties			

ContainerTypeCodelijst	**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.9**	
Codes	Coding Syst. Name	Coding System OID
SNOMED CT: < 434711009 |Specimen container (physical object)|	SNOMED CT	2.16.840.1.113883.6.96

Specifiekere waardenlijsten zullen op termijn opgeleverd worden door het project "Lab-Terminologie"

«document»	MicroorganismCodelist		
Definitie			
Datatype			
DCM::ValueSetBinding	Required		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.10		
HCIM::ValueSetLanguage	--		
Opties			

MicroorganismeCodelijst	**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.10**	
Codes	Coding Syst. Name	Coding System OID
SNOMED CT: ^2581000146104 |simpele referentieset voor micro-organismen (foundation metadata concept)|	SNOMED CT	2.16.840.1.113883.6.96

«document»	CollectionMethodCodelist		
Definitie			
Datatype			
DCM::ValueSetBinding	Required		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.2		
HCIM::ValueSetLanguage	--		
Opties			

AfnameprocedureCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.2**
Codes	Coding Syst. Name	Coding System OID
SNOMED CT: <71388002| verrichting (verrichting)|(alle concepten onder procedure)	SNOMED CT	2.16.840.1.113883.6.96

Specifiekere waardenlijsten zullen op termijn opgeleverd worden door het project "Lab-Terminologie"

«document»	MorphologyCodelist		
Definitie			
Datatype			
DCM::ValueSetBinding	Required		

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.13.1.13		
HCIM::ValueSetLanguage	--		
Opties			

MorfologieCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.13.1.13**
Codes	Coding Syst. Name	Coding System OID
SNOMED CT: < 49755003 |Morphologically abnormal structure|	SNOMED CT	2.16.840.1.113883.6.96

Specifiekere waardenlijsten zullen op termijn opgeleverd worden door het project "Lab-Terminologie"

	Legend
Definitie	
Datatype	
Opties	

1.8 Example Instances

LaboratoriumUitslag									
Resultaat Type	**Resultaat Status**	**Monster**		**LaboratoriumTest**					
		Monster materiaal	**Afname DatumTijd**	**TestCode**	**Test DatumTijd**	**TestUitslag**	**Referentie Ondergrens**	**Referentie Bovengrens**	**Interpretatie Vlaggen**
Klinische chemie	Definitief	Bloed	12-06-2012 09:00	Natrium	12-06-2012 13:15	138 mmol/l	136 mmol/l	146 mmol/l	

LaboratoriumUitslag									
Resultaat Type	**Resultaat Status**	**Monster**		**LaboratoriumTest**					
		Monster materiaal	**Afname DatumTijd**	**TestCode**	**Test DatumTijd**	**TestUitslag**	**Referentie Ondergrens**	**Referentie Bovengrens**	**Interpretatie Vlaggen**
Klinische chemie	Definitief	Bloed	23-05-2012 08:08	Chloride	23-05-2012 12:00	109 mmol/l	99 mmol/l	108 mmol/l	Boven referentie-waarde

LaboratoriumUitslag									
Resultaat Type	**Resultaat Status**	**Monster**		**LaboratoriumTest**					
		Monster materiaal	**Afname DatumTijd**	**TestCode**	**Test DatumTijd**	**TestUitslag**	**Referentie Ondergrens**	**Referentie Bovengrens**	**Interpretatie Vlaggen**
Virologie	Definitief	Bloed	16-01-2012 08:00	Hepatitis A IgM	16-01-2012 10:12	Negatief			

1.9 Instructions

1.10 Interpretation

1.11 Care Process

1.12 Example of the Instrument

1.13 Constraints

1.14 Issues

1.15 References

1. Nederlandse Vereniging voor Medische Microbiologie (2010) *ELab en EvT.* [Online] Beschikbaar op: http://www.nvmm.nl/ict/vereniging/werkgroepen_commissies/elab-en-evt [Geraadpleegd: 23 juli 2014].

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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