Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 1)	Data Requirement (Certified Level 2)	Data Requirement (Certified Level 3)	Example (Certified Level 1)	Example (Certified Level 2)	Example (Certified Level 3)
Laboratory result	Laboratory Test Request Performing Laboratory Name		Name of the laboratory which coordinates or produces the laboratory report.	ST	String				M	M	M	Kowloon Bay Clinical Laboratory	Kowloon Bay Clinical Laboratory	Kowloon Bay Clinical Laboratory
Laboratory result	Laboratory Test Request Number		A unique identifier assigned by the Laboratory Information System (LIS) of the performing laboratory to identify the request.	ST	String				M	M	M	11-CC123456	11-CC123456	11-CC123456
Laboratory result	Laboratory Test Request Institution of Participant - code		Identifier of the healthcare organisation of the patient's encounter who created the Laboratory Test Request for the patient at the instance.	CE	Coded element				O	O	M	KH	KH	KH
Laboratory result	Laboratory Test Request Institution of Participant - description		Description of the healthcare organisation of the patient's encounter who created the Laboratory Test Request for the patient at the instance. The [Laboratory Test Request Institution of Participant - description] should match with [Laboratory Test Request Institution of Participant - code].	ST	String				O	O	M	Kowloon Hospital	Kowloon Hospital	Kowloon Hospital
Laboratory result	Laboratory Test Request Institution of Participant - local description		Local description of the healthcare organisation of the patient's encounter who created the Laboratory Test Request for the patient at the instance. The [Laboratory Test Request Institution of Participant - local description] should match with [Laboratory Test Request Institution of Participant - code].	ST	String				M	M	M	Kowloon Hospital	Kowloon Hospital	Kowloon Hospital
Laboratory result	Laboratory Test Requesting Doctor		Name of the clinician who has requested the laboratory investigation/s in this section of the laboratory report	ST	String				NA	O	O		Dr. TM Chan	Dr. TM Chan
Laboratory result	Laboratory Test Request Clinical Information		This field contains clinical information about the patient, e.g. clinical findings, or specimen. The information will assist the laboratory to interpret the diagnostic studies.	ST	String				NA	O	O		? Ca Lung Fasting blood sample	? Ca Lung Fasting blood sample
Laboratory result	Panel Local Code		This is the requesting test / profile's abbreviations for the laboratory request, which is issued by the performing laboratory.	ST	String				NA	O	O		RFT	RFT
Laboratory result	Panel Local Description		This is the requesting test or profile description which is issued by the performing laboratory. This field describes the requested observation/test/profile	ST	String				NA	O	M		RFT	RFT
Laboratory result	Laboratory Category Code		eHR value of the "Laboratory Category" code table. A laboratory category code in which the laboratory report was produced.	CE	Coded Element			Laboratory category	M	M	M	CHEM	CHEM	CHEM
Laboratory result	Laboratory Category Description		eHR description of the "Laboratory Category" code table A laboratory category description in which the laboratory report was produced. The [Laboratory Category Description] should match with [Laboratory Category Code].	ST	String			Laboratory category	M	M	M	Chemical Pathology Laboratory	Chemical Pathology Laboratory	Chemical Pathology Laboratory
Laboratory result	Laboratory Category Local Description		A laboratory category local description in which the laboratory report was produced. The [Laboratory Category Local Description] should match with [Laboratory Category Code].	ST	String				M	M	M	Clinical Chemistry Laboraotry	Clinical Chemistry Laboraotry	Clinical Chemistry Laboraotry
Laboratory result	Laboratory Report Status Code		eHR value of the "Laboratory Report Status" code table. Details see Report Status Description	CE	Coded Element			Laboratory report status	M	M	M	F	F	F

Laboratory result	Laboratory Report Status Description		eHR description of the "Laboratory Report Status" code table A description of a laboratory report reporting status. The status of the laboratory report, including : - Provisional Report (A provisional report is issued when provisional or partial results become available and report is submitted to eHR. A final report will always follow after the provisional report.) - Final Report (A completed report for the laboratory request.) - Amended Report (An Amended report is issued when the final report of diagnosis or test result(s) have been changed or amended. Amended report includes information with the latest submitted provisional report/final report/supplementary report.) - Supplementary Report (A supplementary report is issued when additional information is available when final/amended report has been submitted to eHR. Supplementary report includes information with the latest submitted provisional report/final report/amended report.) The [Laboratory Report Status Description] should match with [Laboratory Report Status Code].	ST	String			Laboratory report status	M	M	M	Final report	Final report	Final report
Laboratory result	Laboratory Report Status Local Description		A local descripiton of a laboratory report reporting status. The [Laboratory Report Status Local Description] should match with [Laboratory Report Status Code].	ST	String				M	M	M	Final	Final	Final
Laboratory result	Laboratory Report Reference Datetime		The reference date or datetime which is used to determine the display sequence of a specific laboratory report in the eHR. The laboratory reports are displayed in the eHR according to the following rule : i. Specimen collection datetime, if any ii. Specimen Arrival datetime, if any iii. Laboratory Request Registration datetime.	TS	Time Stamp				M	M	M	31/01/2011 4:30:00 PM	31/01/2011 4:30:00 PM	31/01/2011 4:30:00 PM
Laboratory result	Laboratory Report Authorized Healthcare Staff Identifier		A unique identifier of the healthcare staff who authorized the laboratory report	CE	Coded element		R		NA	NA	O			CHSML01
Laboratory result	Laboratory Report Authorized Healthcare Staff English Name Prefix		eHR value of the "Healthcare staff English name prefix" code table, to define the prefix of the English name of the healthcare staff who authorized the laboratory report	CE	Coded element		R	Healthcare staff English name prefix	NA	NA	O			P - Prof
Laboratory result	Laboratory Report Authorized Healthcare Staff English Surname		Surname name in English of the healthcare staff who authorized the laboratory report	ST	String		R		NA	O	O		Chan	Chan
Laboratory result	Laboratory Report Authorized Healthcare Staff English Given Name		Given name in English of the healthcare staff who authorized the laboratory report	ST	String		R		NA	O	O		Tai Man	Tai Man
Laboratory result	Laboratory Report Authorized Healthcare Staff Chinese Name		Full name in Chinese of the healthcare staff who authorized the laboratory report. Encoding method: unicode	ST	String		R		NA	O	O		陳大文	陳大文
Laboratory result	Laboratory Report Authorized Healthcare Staff Chinese Name Suffix		eHR value of the "Healthcare staff Chinese name suffix" code table, to define the suffix of the Chinese name of the healthcare staff who authorized the laboratory report	CE	Coded element		R	Healthcare staff Chinese name suffix	NA	NA	O			P - 教授

			Description											
Laboratory result	Laboratory Report Authorized Datetime		The date or date and time in which the specific version of the laboratory report was authorized, which the report is ready to issue	TS	Time Stamp				NA	O	M		31/01/2011 4:30:00 PM	31/01/2011 4:30:00 PM
Laboratory result	Laboratory Report Comment		This field contains the comment entered for the laboratory report, which the comment is a report base in nature.	ST	String				O	O	O	Clinical Guideline Note: The goal of diabetes therapy should be an HbA1c level of <7%.	Clinical Guideline Note: The goal of diabetes therapy should be an HbA1c level of <7%.	Clinical Guideline Note: The goal of diabetes therapy should be an HbA1c level of <7%.
Laboratory result	Laboratory Report Date		The documentation date of the laboratory report	TS	Time Stamp				O	O	O	06/12/2010	06/12/2010	06/12/2010
Laboratory result	Laboratory Report (PDF)		The PDF document of the Laboratory Report	ED	Encapsulated data				M if [Laboratory Report (Text)] is blank	O	O			
Laboratory result	Laboratory Report (Text)		The free text of the Laboratory Report	TX	Text				M If [Laboratory Report (PDF)] is blank	O	O			
Laboratory result	Specimen Site		This field describes the nature of the site of the specimen, which contains information of the specimen site in free text. For example, an anatomical site 'Left lower lobe', or any specimen qualifier in free text "Red cap of the Hickman line"	ST	String				NA	O	O		Left lower quadrant	Left lower quadrant
Laboratory result	Specimen Type - Recognised Terminology Name		Name of Recognised terminology set for Specimen Type	CE	Coded Element	If eHR value = HKCTT, allowable nature is "Specimen" If eHR value = SNOMED CT, allowable hierarchy is "Specimen"		Recognised terminology name - laboratory specimen	NA	NA	M if [Specimen Type Identifier - Recognised Terminology] is given NA if [Specimen Type Identifier - Recognised Terminology] is blank			SNOMED CT
Laboratory result	Specimen Type Identifier - Recognised Terminology		Unique identifier of Specimen Type in the recognised terminology	CE	Coded Element	[Specimen Type Identifier - Recognised Terminology] should be included in the selected recognised terminology of the "Recognised Terminology Name - Laboratory Specimen" code table.			NA	NA	O			258497007
Laboratory result	Specimen Type Description - Recognised Terminology		Description of Specimen Type in the recognised terminology	CE	Coded Element	[Specimen Type Description - Recognised Terminology] should be matched with the corresponding description of the selected [Specimen Type Identifier - Recognised Terminology]			NA	NA	M if [Specimen Type Identifier - Recognised Terminology] is given NA if [Specimen Type Identifier - Recognised Terminology] is blank			Abscess swab (specimen)
Laboratory result	Specimen Type local code		Local code for the Specimen Type issued by the performing laboratory	ST	String				NA	O	O	S423	S423	

Laboratory result	Specimen Type local description		Local description for the Specimen Type issued by the performing laboratory	ST	String				NA	O	M if [Specimen Type Identifier - Recognised Terminology] is given / NA if [Specimen Type Identifier - Recognised Terminology] is blank		Wound Swab	Wound Swab
Laboratory result	Specimen Collection Datetime		The date and time when the specimen was collected.	TS	Time Stamp				NA	O	O		01/04/2012 2:00:00 PM	01/04/2012 2:00:00 PM
Laboratory result	Specimen Arrival Datetime		The specimen arrival date/time is the time that the specimen is received at the laboratory. The actual time that is recorded is based on how specimen receipt is managed and may correspond to the time the sample is logged in. This is different from Specimen-Collect Datetime.	TS	Time Stamp				NA	O	O		01/04/2012 2:00:00 PM	01/04/2012 2:00:00 PM
Laboratory result	Laboratory Test Name - Recognised Terminology Name		Name of Recognised terminology set for General Laboratory Test Name	CE	Coded Element	If eHR value = HKCTT, allowable nature is "Lab. Test" / If eHR value = LOINC, allowable value is neglected	R	Recognised terminology name - laboratory test	NA	NA	M			LOINC
Laboratory result	Laboratory Test Name Identifier - Recognised Terminology		Unique identifier of General Laboratory Test Name in the recognised terminology	CE	Coded Element	[Laboratory Test Name Identifier - Recognised Terminology] should be included in the selected recognised terminology of the "Recognised Terminology Name - Laboratory Test" code table.	R		NA	NA	M			2823-3
Laboratory result	Laboratory Test name Description - Recognised Terminology		Description of General Laboratory Test Name in the recognised terminology	CE	Coded Element	[Laboratory Test name Description - Recognised Terminology] should be matched with the corresponding description of the selected [Laboratory Test Name Identifier - Recognised Terminology]	R		NA	NA	M			Potassium, Serum or Plasma
Laboratory result	Laboratory Test Name Local Code		Local code for the General Laboratory Test name issued by the performing laboratory	ST	String		R		NA	O	O		K	K
Laboratory result	Laboratory Test Name Local Description		Local description for the General Laboratory Test name issued by the performing laboratory	ST	String		R		NA	M	M		Potassium	Potassium

Laboratory result	Laboratory Test Numeric Result		This field contains the value observed by the performing laboratory in a numerical format.	NM	Numeric		R		NA	M If [General Laboratory Test - Enumerated result AND General Laboratory Test - Text result] is blank	M If [General Laboratory Test - Enumerated result AND General Laboratory Test - Text result] is blank		3.5	3.5
Laboratory result	Laboratory Test Enumerated Result		This field contains the enumerated result identifier by the performing laboratory, for example, - positive, negative - +, ++, +++ - present, absent	ST	String		R		NA	M If [General Laboratory Test - Numeric result result AND General Laboratory Test - Text result] is blank	M If [General Laboratory Test - Numeric result result AND General Laboratory Test - Text result] is blank		Not detected	Not detected
Laboratory result	Laboratory Test Reportable Result		This field contains the reporting result generated by the performing laboratory. It is a string type which is used to facilitate frontend display of all results in eHR.	ST	String		R		NA	M	M		>10.0	>10.0
Laboratory result	Detection Limit Indicator Code		eHR value of the "Detection Limit Indicator" code table. This field contains a code from a table lookup indicating whether the result is out of the detection limit of the test. e.g. < Less than; > Greater than	CE	Coded Element		R	Detection limit indicator	NA	O	O		<	<
Laboratory result	Detection Limit Indicator Description		eHR description of the "Detection Limit Indicator" code table. This field contains a description from a table lookup indicating whether the result is out of the detection limit of the test. The [Detection Limit Indicator Description] should match with [Detection Limit Indicator Code].	ST	String		R	Detection limit indicator	NA	O	O		Less than	Less than
Laboratory result	Detection Limit Indicator Local Description		This field contains a local description indicating whether the result is out of the detection limit of the test. The [Detection Limit Indicator Local Description] should match with [Detection Limit Indicator Code].	ST	String		R		NA	O	O		<<	<<
Laboratory result	Abnormal Result Indicator Code		eHR value of the "Abnormal Result Indicator" code table. This field contains a code from a table lookup indicating the normality status of the result. e.g. L = Low; H = High	CE	Coded Element		R	Abnormal result indicator	NA	O	O		H	H
Laboratory result	Abnormal Result Indicator Description		eHR description of the "Abnormal Result Indicator" code table. This field contains a description from a table lookup indicating the normality status of the result. The [Abnormal Result Indicator Description] should match with [Abnormal Result Indicator Code].	ST	String		R	Abnormal result indicator	NA	O	O		High	High
Laboratory result	Abnormal Result Indicator Local Description		This field contains a local descrpition indicating the normality status of the result. The [Abnormal Result Indicator Local Description] should match with [Abnormal Result Indicator Code].	ST	String		R		NA	O	O		HH	HH

Laboratory result	Laboratory Test Result Unit		Local description of the test result unit.	ST	String		R		NA	O	O		mmol/L	mmol/L
Laboratory result	Laboratory Test Reference Range		Information about appropriate reference ranges for the specific result observable	ST	String		R		NA	O	O		3.0 - 5.2	LDL-chol (calc) - Acceptable Borderline High <2.8 2.8 - 3.3 >=3.4
Laboratory result	Laboratory Test Text Result		The laboratory test result observable value component in text format	TX	Text		R		NA	M if [General Laboratory Test - Enumerated result] AND [General Laboratory Test - numeric result] are blank	M if [General Laboratory Test - Enumerated result] AND [General Laboratory Test - numeric result] are blank		Positive result	Positive result
Laboratory result	Laboratory Test Result Note		The note or remark of an individual test for the laboratory report, which it is test result based to give additional note on the test. For example: Sodium test repeated	ST	String		R		NA	O	O		Test repeated	Test repeated

Healthcare Staff English Name Prefix
Purpose : Title to address the healthcare staff in English
Reference : OGCIO

Term ID	eHR Value	eHR Description
	Prof	Professor
	Dr	Doctor

Healthcare staff Chinese Name Suffix
Purpose : title to address the healthcare staff in Chinese
Reference : OGCIO

Term ID	eHR Value	eHR Description
	教授	教授
	醫生	醫生
	醫師	醫師

Laboratory category table

Purpose: To indicate the performing laboratory category

Reference: HA

Term ID	eHR Value	eHR Description
	CHEM	Chemical Pathology Laboratory
	HAEM	Haematology Laboratory
	IMMUN	Immunology Laboratory
	MICRO	Microbiology Laboratory
	VIRO	Virology Laboratory
	PATH	Anatomical Pathology Laboratory
	TRL	Toxicology Reference Laboratory
	BLDBK	Blood Bank
	T&I	Transplantation & Immunogenetic Laboratory
	MOLPATH	Molecular Pathology Laboratory
	LAB	Clinical Laboratory

Laboratory report status

Purpose: To indicate the laboratory report reporting status
Reference: HA

Term ID	eHR Value	eHR Description
	P	Provisional/Preliminary report
	F	Final report
	A	Amended report
	S	Supplementary report

Abnormal result indicator table

Purpose: To indicate the laboratory test numeric result that is above or below the reference range of the test
Reference: HA

Term ID	eHR Value	eHR Description
	L	Low
	H	High

Detection limit indicator table

Purpose: To indicate the laboratory test numeric result that is less than or greater than the detection limit of the test
Reference: HA
Remark: Previouly called Out of range result indicator

Term ID	eHR Value	eHR Description
	<	Less than
	>	Greater than

Susceptibility test and related property test result

Purpose: To indicate the result of antibioitc susceptibility test and related property of the isolated organism

Reference: HA

Term ID	eHR Value	eHR Description
	S	Sensitive
	I	Intermediate
	R	Resistant
	P	Positive
	N	Negative
	U	Indetermine

Recognised terminology name - laboratory specimen

Purpose: to define the names of the recognised terminology for laboratory specimen

Term ID	eHR Value	eHR Description	Allowable Values
	HKCTT	Hong Kong Clinical Terminology Table	Nature = Specimen
	SNOMED CT	Systematized Nomenclature of Medicine - Clinical	Hierarchy = Specimen

Recognised terminology name - laboratory test

Purpose: to define the names of the recognised terminology for laboratory tests

Term ID	eHR Value	eHR Description	Allowable Values
	HKCTT	Hong Kong Clinical Terminology Table	Nature = Laboratory Test
	LOINC	Logical Observation Identifiers Names and Codes	All values

Recognised terminology name - organism

Purpose: to define the names of the recognised terminology for organism

Term ID	eHR Value	eHR Description	Allowable Values
	HKCTT	Hong Kong Clinical Terminology Table	Nature = Organism
	SNOMED CT	Systematized Nomenclature of Medicine - Clinical	Hierarchy = Organism