




Legend

- ✓ Mandatory for all Levels
- 1 Mandatory for Level 1
- 2 Mandatory for Level 2
- 3 Mandatory for Level 3
- 📄 Conditional mandatory
- 🔄 Repeated data
- 🔒 Encrypted eHR storage
- 📖 Code table
- ★ Recognised terminology




eHR Sharable Data - General Laboratory Result

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	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 order number	1003603	A unique identifier issued by the healthcare institution who made the laboratory test order.	ST	String					O	O	O	OR1101606192	OR1101606192	OR1101606192
Laboratory result	Laboratory test request healthcare institution identifier	1003509	The healthcare institution who requested the laboratory test. It is the [HCI identifier] in the eHR Healthcare Provider Index.	CE	Coded element				Refer to Provider Registry	O	O	O	KH	KH	KH
Laboratory result	Laboratory test request healthcare institution long name	1003510	The healthcare institution who requested the laboratory test. It is the [HCI displayed English long name] or the [HCI displayed Chinese long name] in the eHR Healthcare Provider Index.	ST	String				Refer to Provider Registry	O	O	O	Kowloon Hospital	Kowloon Hospital	Kowloon Hospital
Laboratory result	Laboratory test request healthcare institution local name	1003511	Local description of the healthcare institution who requested the laboratory test.	ST	String					M	M	M	Kowloon Hospital	Kowloon Hospital	Kowloon Hospital
Laboratory result	Laboratory test requesting doctor	1003512	Full name (with title) of the clinician who requested the laboratory investigations.	ST	String					NA	O	O		Dr. TM Chan	Dr. TM Chan
Laboratory result	Laboratory test request clinical information	1003513	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	1003514	The requesting test/profile abbreviations for the laboratory request which was issued by the performing laboratory.	ST	String					O	O	O	RFT	RFT	RFT
Laboratory result	Panel local description	1003515	The requesting test or profile description which was issued by the performing laboratory. This field describes the requested observation/test/profile. For example, Renal Function Test	ST	String					M	M	M	Renal Function Test	Renal Function Test	Renal Function Test
Laboratory result	Laboratory test request performing laboratory name	1003507	Name of the laboratory who produced or coordinated the creation of 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	1003508	A unique identifier assigned by the Laboratory Information System (LIS) of the performing laboratory to identify the laboratory test request.	ST	String					M	M	M	11-CC123456	11-CC123456	11-CC123456
Laboratory result	Laboratory category code	1003516	[eHR value] of the "Laboratory Category" code table which indicates the category of the laboratory from which the report was produced.	CE	Coded Element			Laboratory category		M	M	M	CHEM	CHEM	CHEM
Laboratory result	Laboratory category description	1003517	[eHR description] of the "Laboratory Category" code table which indicates the category of the laboratory from which the report was produced. The [Laboratory category description] should be the corresponding description of the selected [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	1003518	Description created by the performing laboratory for the category of the laboratory from which the report was produced.	ST	String					M	M	M	Clinical Chemistry Laboratory	Clinical Chemistry Laboratory	Clinical Chemistry Laboratory
Laboratory result	Laboratory report status code	1003519	[eHR value] of the "Laboratory Report Status" code table which indicates the status of the laboratory report.	CE	Coded Element			Laboratory report status		M	M	M	F	F	F

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Laboratory result	Laboratory report status description	1003520	[eHR description] of the "Laboratory Report Status" code table which indicates the status of the laboratory report. 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 provisional/ final/ amended report has been submitted to eHR. - Unspecified report status (Laboratory report status cannot be provided.) The [Laboratory report status description] should be the corresponding description of the selected [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	1003521	A local description issued by the performing laboratory for indicating the status of the laboratory report.	ST	String					M	M	M	Final	Final	Final
Laboratory result	Laboratory report reference datetime	1003522	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 none ii. Specimen arrival datetime, if none iii. Laboratory request registration datetime.	TS	Time Stamp					M	M	M	2011-01-31 16:30	2011-01-31 16:30	2011-01-31 16:30
Laboratory result	Laboratory report authorized healthcare staff English name	1003523	Full English name (with title, if applicable) of the healthcare staff who authorized the laboratory report. For auto-authorized reports, the Laboratory Report Authorized Person can be a local description of an auto-analyzer.	ST	String		R			NA	O	O		Chan	Chan
Laboratory result	Laboratory report authorized healthcare staff Chinese name	1003524	Full Chinese name (with title, if applicable) of the healthcare staff who authorized the laboratory report. For auto-authorized reports, the Laboratory Report Authorized Person can be a local description of an auto-analyzer.	ST	String		R			NA	O	O		陳大文	陳大文
Laboratory result	Laboratory report authorized datetime	1003525	The date or datetime when a specific version of the laboratory report was authorized and ready to be issued.	TS	Time Stamp					NA	O	O		2011-01-31 16:30	2011-01-31 16:30
Laboratory result	Laboratory report comment	1003526	The additional information about the laboratory report as a whole.	ST	String					O	M if [Laboratory test reportable result] and [Laboratory test result note] are ALL blank O if [Laboratory test reportable result] or [Laboratory test result note] is not blank	M if [Laboratory test reportable result] and [Laboratory test result note] are ALL blank O if [Laboratory test reportable result] or [Laboratory test result note] is not blank	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	1003527	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)	1003528	The Laboratory Report in Portable Document Format (PDF)	ED	Encapsulated data					M	O	O			

eHR Sharable Data - General Laboratory Result

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	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 report (text)	1003529	The Laboratory Report in text format	TX	Text					O	O	O			
Laboratory result	Specimen details	1003530	Specimen site details or additional information about [Specimen type]. For example, an anatomical site 'Left lower lobe' for biopsy, "Cervix scraping" for routine cytology or any specimen qualifier in free text, such as, "Red cap of the Hickman line"	ST	String					NA	O	O		Left lower quadrant	Left lower quadrant
Laboratory result	Specimen type - recognised terminology name	1003531	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	1003532	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.			-HKCTT (Specimen) -SNOMED CT	NA	NA	O			258497007
Laboratory result	Specimen type description - recognised terminology	1003533	Description of [Specimen type] in the recognised terminology. It should be the corresponding description of the selected [Specimen type identifier - 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]			-HKCTT (Specimen) -SNOMED CT	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	1003534	Local code for the [Specimen type] issued by the performing laboratory	ST	String					NA	O	O		S423	S423
Laboratory result	Specimen type local description	1003535	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	1003536	The date and time when the specimen was collected.	TS	Time Stamp					NA	O	O		01/04/2012 14:00	01/04/2012 14:00
Laboratory result	Specimen arrival datetime	1003537	The date/time when the specimen was 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 Collection Datetime].	TS	Time Stamp					NA	O	O		01/04/2012 14:00	01/04/2012 14:00
Laboratory result	Laboratory test name - recognised terminology name	1003538	Name of the 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	1003539	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		-HKCTT (Lab. Test) -LOINC	NA	NA	M			2823-3

eHR Sharable Data - General Laboratory Result

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	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 name description - recognised terminology	1003540	Description of General Laboratory Test Name in the recognised terminology. It should be the corresponding description of the [Laboratory test name identifier - 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		-HKCTT (Lab. Test) -LOINC	NA	NA	M			Potassium, Serum or Plasma
Laboratory result	Laboratory test name local code	1003541	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	1003542	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	1003543	The value observed by the performing laboratory in numerical format.	NM	Numeric		R			NA	O	O		3.5	3.5
Laboratory result	Laboratory test enumerated result	1003544	The enumerated result identifier reported by the performing laboratory. For example, positive, negative, +, ++, +++, present, absent.	ST	String		R			NA	O	O		Not detected	Not detected
Laboratory result	Laboratory test reportable result	1003545	The reporting result to be displayed in the eHR Viewer. This includes results in numeric and string data.	ST	String		R			NA	M if [Laboratory test result note] and [Laboratory report comment] are ALL blank M if [Laboratory test numeric result] or [Laboratory test enumerated result] or [Laboratory test text result] is not blank O if [Laboratory test result note] or [Laboratory report comment] is not blank O if [Laboratory test numeric result] and [Laboratory test enumerated result] and [Laboratory test text result] are ALL blank	M if [Laboratory test result note] and [Laboratory report comment] are ALL blank M if [Laboratory test numeric result] or [Laboratory test enumerated result] or [Laboratory test text result] is not blank O if [Laboratory test result note] or [Laboratory report comment] is not blank O if [Laboratory test numeric result] and [Laboratory test enumerated result] and [Laboratory test text result] are ALL blank		>10.0	>10.0
Laboratory result	laboratory test usable result	1005598	A selected value observed by the performing laboratory in numerical format which allow secondary use in charting and calculation. The value should be a valid numeric figure that falls in detection limit and suitable for secondary use	NM	Numeric		R			NA	O	O		3.5	3.5
Laboratory result	Detection limit indicator code	1003546	[eHR value] of the "Detection limit indicator" code table to identify whether the result is out of the detection limit of the test. For example, < Less than; > Greater than.	CE	Coded Element		R	Detection limit indicator		NA	O	O		<	<
Laboratory result	Detection limit indicator description	1003547	[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	M if [Abnormal result indicator code] is given. NA if [Abnormal result indicator code] is blank.	M if [Abnormal result indicator code] is given. NA if [Abnormal result indicator code] is blank.		Less than	Less than
Laboratory result	Detection limit indicator local description	1003548	The local description issued by the performing laboratory indicating whether the result is out of the detection limit of the test.	ST	String		R			NA	M if [Abnormal result indicator code] is given. O if [Abnormal result indicator code] is blank.	M if [Abnormal result indicator code] is given. O if [Abnormal result indicator code] is blank.		<<	<<

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Laboratory result	Abnormal result indicator code	1003549	[eHR value] of the "Abnormal Result Indicator" code table, indicating the normality status of the result. For example, L = Low; H = High.	CE	Coded Element		R	Abnormal result indicator		NA	O	O		H	H
Laboratory result	Abnormal result indicator description	1003550	[eHR description] of the "Abnormal Result Indicator" code table indicating the normality status of the result. The [Abnormal result indicator description] should be the corresponding description of the selected the selected [Abnormal result indicator code].	ST	String		R	Abnormal result indicator		NA	M if [Abnormal result indicator code] is given. NA if [Abnormal result indicator code] is blank.	M if [Abnormal result indicator code] is given. NA if [Abnormal result indicator code] is blank.		High	High
Laboratory result	Abnormal result indicator local description	1003551	The local description issued by the performing laboratory indicating the normality status of the result.	ST	String		R			NA	M if [Abnormal result indicator code] is given. O if [Abnormal result indicator code] is blank.	M if [Abnormal result indicator code] is given. O if [Abnormal result indicator code] is blank.		HH	HH
Laboratory result	Laboratory test result unit	1003552	Local description of the test result unit.	ST	String		R			NA	O	O		mmol/L	mmol/L
Laboratory result	Laboratory test reference range	1003553	Information about appropriate reference range for a specific result observable	ST	String		R			NA	O	O		3.0 - 5.2	LDL-choI (calc) - Acceptable Borderline High <2.8 2.8 - 3.3 ≥3.4
Laboratory result	Laboratory test text result	1003554	The laboratory test result observable value component in text format	TX	Text		R			NA	O	O		Positive result	Positive result
Laboratory result	Laboratory test result note	1003555	The additional information of individual test. For example, Sodium test repeated.	ST	String		R			NA	M if [Laboratory test reportable result] and [Laboratory report comment] are ALL blank O if [Laboratory test reportable result] or [Laboratory report comment] is not blank	M if [Laboratory test reportable result] and [Laboratory report comment] are ALL blank O if [Laboratory test reportable result] or [Laboratory report comment] is not blank		Test repeated	Test repeated

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
9050183	HKCTT	Hong Kong Clinical Terminology Table	Nature = Laboratory Test
9050243	LOINC	Logical Observation Identifiers Names and Codes	All values

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
9050183	HKCTT	Hong Kong Clinical Terminology Table	Nature = Specimen
9050434	SNOMED CT	Systematized Nomenclature of Medicine - Clinical Terms	Hierarchy = Specimen

Laboratory category

Purpose: To indicate the performing laboratory category

Reference: Hospital Authority

Term ID	eHR Value	eHR Description	Definition
9050067	CHEM	Chemical Pathology	Chemical Pathology Laboratory
9050170	HAEM	Haematology	Haematology Laboratory
9050190	IMMUN	Immunology	Immunology Laboratory
9050266	MICRO	Microbiology & Virology	Microbiology and Virology Laboratory
9050013	PATH	Anatomical Pathology	Anatomical Pathology Laboratory
9050443	TRL	Toxicology	Toxicology Laboratory
9050446	TI	Transplantation & Immunogenetics	Transplantation and Immunogenetics Laboratory
9050272	MOLPATH	Molecular Pathology	Molecular Pathology Laboratory
9050147	GEOT	General & Other	General Laboratory and Other Laboratory

Laboratory report status

Purpose: To indicate the laboratory report reporting status

Reference: Hospital Authority

Term ID	eHR Value	eHR Description	Definition
9050361	P	Provisional/Preliminary 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.
9050137	F	Final report	A completed report for the laboratory request.
9050010	A	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.
9050427	S	Supplementary report	A supplementary report is issued when additional information is available when provisional/ final/ amended report has been submitted to eHR.
9050470	U	Unspecified report status	Laboratory report status cannot be provided.

Abnormal result indicator

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

Reference: Hospital Authority

Term ID	eHR Value	eHR Description
9050244	L	Low
9050174	H	High

Detection limit indicator

Purpose: To indicate the laboratory test numeric result that is less than or greater than the detection limit of the test

Reference: Hospital Authority

Remark: Previously called Out of range result indicator

Term ID	eHR Value	eHR Description
9050244	<	Less than
9050174	>	Greater than