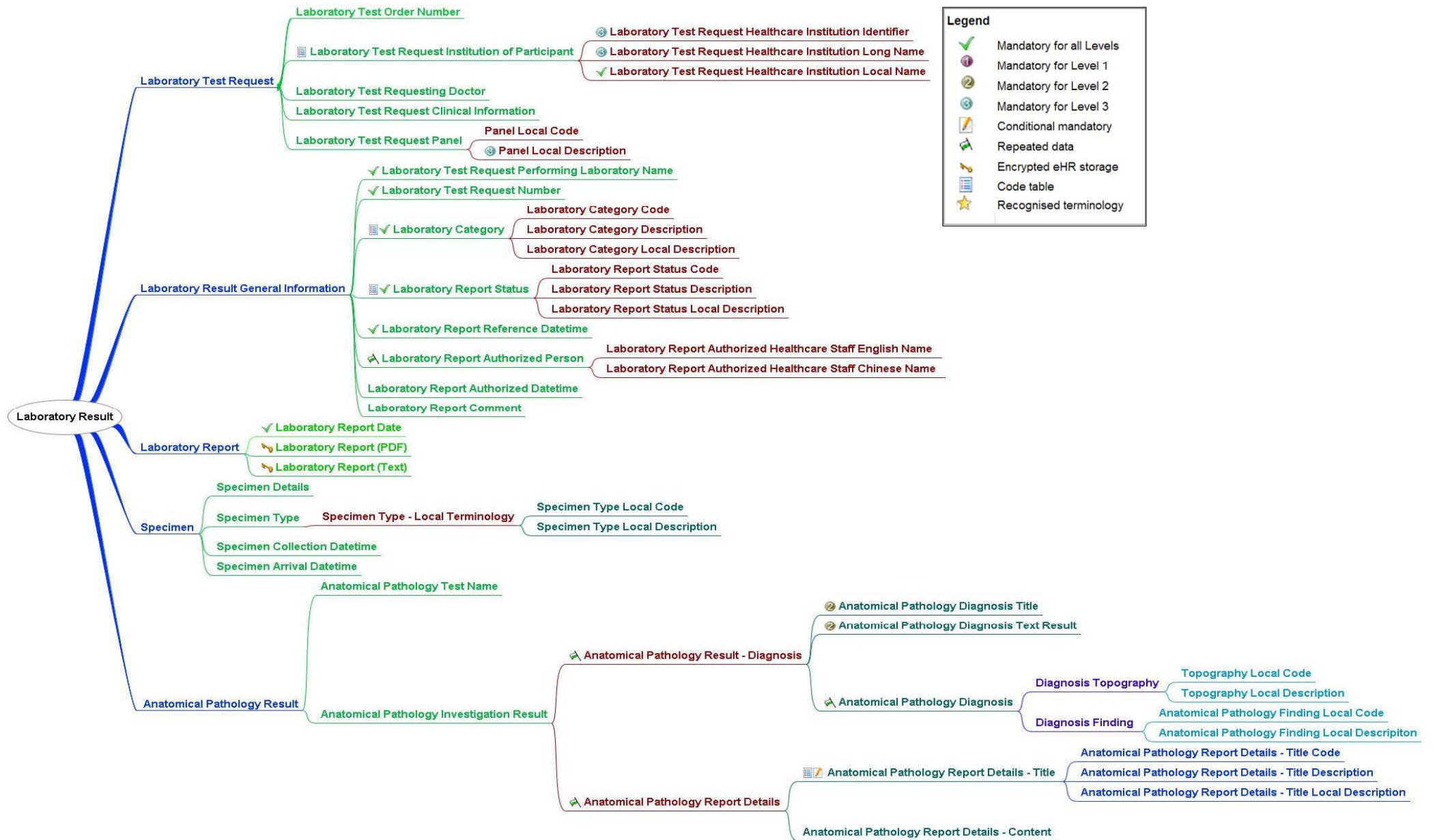| Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 1)	Data Requirement (Certified Level 2)	Data Requirement (Certified Level 3)	Example (Certified Level 1)	Example (Certified Level 2)	Example (Certified Level 3)
Laboratory result	Laboratory test 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				O	O	O			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				O	O	O			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
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				NA	O	O		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	ST	String				NA	O	M		RFT	RFT
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

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 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 final/amended report has been submitted to eHR. Supplementary report includes information with the latest submitted provisional report/final report/amended report.) - 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				M	M	M		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	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	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 if [Laboratory Report (Text)] is blank	O	O			

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 report (text)	1003529	The Laboratory Report in text format	TX	Text				M If [Laboratory Report (PDF)] is blank	O	O			
Laboratory result	Specimen details	1003530	Additional information about [Specimen type]. For example, an anatomical site 'Left lower lobe' for biopsy, 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 local code	1003534	Local code for the [Specimen type] issued by the performing laboratory	ST	String				NA	O	NA		S423	NA
Laboratory result	Specimen type local description	1003535	Local description for the [Specimen type] issued by the performing laboratory	ST	String				NA	O	NA		Wound Swab	NA
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	Anatomical pathology test name	1003601	Local description for the anatomical pathology request made by clinicians. e.g. Gynae Cytology, Surgical Biopsy, Fine Needle Aspiration, Frozen Section	ST	String				NA	M	NA		Biopsy	NA
Laboratory result	Anatomical pathology diagnosis title	1003609	The local title or caption of the diagnosis section in anatomical pathology report	TX	Text		R		NA	M	NA		Frozen Section Diagnosis	NA
Laboratory result	Anatomical pathology diagnosis text result	1003604	Narrative comment or text description of pathological diagnosis by the performing laboratory.	TX	Text		R		NA	M	NA		Adenocarcinoma of right lung	NA
Laboratory result	Topography local code	1003605	Local code for the diagnosis result on anatomical site issued by the performing laboratory. e.g. T-code in SNOMED 3	ST	String		R		NA	O	NA		T-28000,01,001	NA
Laboratory result	Topography local description	1003606	Local description for the diagnosis result on anatomical site issued by the performing laboratory	ST	String		R		NA	O	NA		Adenocarcinoma, NOS	NA
Laboratory result	Anatomical pathology finding local code	1003607	Local code issued by the performing laboratory for the diagnosis result on pathological finding e.g. SNOMED M/D/F codes, M-40000,01,001.	ST	String		R		NA	O	NA		M-40000,01,001	NA
Laboratory result	Anatomical pathology finding local description	1003608	Local description issued by the performing laboratory for the diagnosis result on pathological finding.	ST	String		R		NA	O	NA		INFLAMMATION	NA
Laboratory result	Anatomical pathology report details - title code	1003610	[eHR value] of the "Anatomical pathology report structure table" code table which is used to identify various sections of the Anatomical Pathology Report. Details refer to [Anatomical pathology result details - title local description]	CE	Coded Element		R	Anatomical pathology report structure table	NA	M if [Anatomical pathology report details - content] is not blank	NA		OTH	NA

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	Anatomical pathology report details - title description	1003611	[eHR description] of the "Anatomical pathology report structure table" code table which is used to identify various sections of the Anatomical Pathology Report. The [Anatomical pathology result details - title description] should be the corresponding description of the selected [Anatomical pathology result details - title code].	ST	String		R	Anatomical pathology report structure table	NA	M if [Anatomical pathology report details - title code] is not blank	NA		Other	NA
Laboratory result	Anatomical pathology report details - title local description	1003612	The local title or caption of the section in anatomical pathology report apart from -Diagnosis such as -Clinical information -Specimen -Gross Examination -Microscopic Examination -Comment Example: Molecular Pathology	ST	String		R		NA	M if [Anatomical pathology report details - title code] is not blank	NA		Molecular Pathology	NA
Laboratory result	Anatomical pathology report details - content	1003613	Narrative comment or description of anatomical pathology report e.g. Gynaecytology or general cytology investigation/Special investigation.	TX	Text		R		NA	O	NA		HC-2 Test for high risk HPV group(positive).	NA

Laboratory Result

Laboratory Test Request

- Laboratory Test Order Number
- 📋 Laboratory Test Request Institution of Participant
  - ③ Laboratory Test Request Healthcare Institution Identifier
  - ③ Laboratory Test Request Healthcare Institution Long Name
  - ✔ Laboratory Test Request Healthcare Institution Local Name
- Laboratory Test Requesting Doctor
- Laboratory Test Request Clinical Information
- Laboratory Test Request Panel
  - Panel Local Code
  - ③ Panel Local Description

Laboratory Result General Information

- ✔ Laboratory Test Request Performing Laboratory Name
- ✔ Laboratory Test Request Number
- 📋✔ Laboratory Category
  - Laboratory Category Code
  - Laboratory Category Description
  - Laboratory Category Local Description
- 📋✔ Laboratory Report Status
  - Laboratory Report Status Code
  - Laboratory Report Status Description
  - Laboratory Report Status Local Description
- ✔ Laboratory Report Reference Datetime
- ✎ Laboratory Report Authorized Person
  - Laboratory Report Authorized Healthcare Staff English Name
  - Laboratory Report Authorized Healthcare Staff Chinese Name
- Laboratory Report Authorized Datetime
- Laboratory Report Comment

Laboratory Report

- ✔ Laboratory Report Date
- 🗝 Laboratory Report (PDF)
- 🗝 Laboratory Report (Text)

Specimen

- Specimen Details
- Specimen Type
  - Specimen Type - Local Terminology
    - Specimen Type Local Code
    - Specimen Type Local Description
- Specimen Collection Datetime
- Specimen Arrival Datetime

Anatomical Pathology Result

- Anatomical Pathology Test Name
- Anatomical Pathology Investigation Result
  - ✎ Anatomical Pathology Result - Diagnosis
    - ② Anatomical Pathology Diagnosis Title
    - ② Anatomical Pathology Diagnosis Text Result
    - ✎ Anatomical Pathology Diagnosis
      - Diagnosis Topography
        - Topography Local Code
        - Topography Local Description
      - Diagnosis Finding
        - Anatomical Pathology Finding Local Code
        - Anatomical Pathology Finding Local Descripiton
  - ✎ Anatomical Pathology Report Details
    - 📋✎ Anatomical Pathology Report Details - Title
      - Anatomical Pathology Report Details - Title Code
      - Anatomical Pathology Report Details - Title Description
      - Anatomical Pathology Report Details - Title Local Description
    - Anatomical Pathology Report Details - Content

Legend

Symbol	Description
✔	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

Anatomical pathology report structure table

Purpose: To describe the anatomical pathology report structure in section

Reference: HA

Term ID	eHR Value	eHR Description
	CLIN	Clinical Information
	SPEC	Specimen
	GROSS	Gross Examination
	MICRO	Microscopic Examination
	COMM	Comment
	OTH	Other Pathology Report Section

Laboratory category

Purpose: To indicate the performing laboratory category
Reference: Hospital Authority

Term ID	eHR Value	eHR Description	Definition
	CHEM	Chemical Pathology	Chemical Pathology Laboratory
	HAEM	Haematology	Haematology Laboratory
	IMMUN	Immunology	Immunology Laboratory
	MICRO	Microbiology & Virology	Microbiology and Virology Laboratory
	PATH	Anatomical Pathology	Anatomical Pathology Laboratory
	TRL	Toxicology	Toxicology Laboratory
	TI	Transplantation & Immunogenetics	Transplantation and Immunogenetics Laboratory
	MOLPATH	Molecular Pathology	Molecular Pathology Laboratory
	GEOT	General & Other	General Laboratory and Other Laboratory

Laboratory report status

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

Term ID	eHR Value	eHR Description	Definition
	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.
	F	Final report	A completed report for the laboratory request.
	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.
	S	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.
	U	Unspecified report status	Laboratory report status cannot be provided.