Pathology Data Mappings All Systems

Pathology Results must be received in atomised HL7 format in order for the results to be picked up by the CAT extractor. 'Atomised' format means that the HL7 results contain the data in predefined coded segments. The test name and LOINC (Logical Observation Identifiers Names & Codes) code are the important bits of data the extraction tool looks for. The same mappings apply to BestPractice, MD3 and Zedmed.

The table below lists all pathology results extracted by the latest version of CAT4 and is frequently updated - please make sure you are on the latest version to ensure your pathology data is recognised correctly.

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CAT Pathology Result Collected	TEST NAME AND/OR LOINC CODE
ACR	Listed in the BP database as an ACR result (with the BP pathology code 17) %Alb/Creat% %Albumin/Creat% 14959-1 30000-4 30001-2 32294-1 9318-7 ACR Alb Creat Ratio Alb/Cre Albumin/Creat Albumin/Creatinine Albumin/Creatinine Ratio Creatinine (Ref Lab) MA Creat Ratio Malb/Crea Microalbumin Ratio S Creatinine% Serum Creatinine% U Ab Creat Ratio Urinary Albumin/Creat Ratio Urinary Albumin/Creatinine Ratio UrineAlbumin/CreatinineRatio OR manually entered result

Urinary Creatinine	14683-7 2889-4 PROTEIN_URINARY_EXCRETION_24HR Ucreatinine% UCreatinineExcretion Ur Creatinine Urinary Creatinine Urine Creatinine% UrineCreatinine
BSL	14749-6 GLUCOSE RandomGlucose SEGLUCOSE SGLUCOSE
FBG/BSLF	14771-0 14996-3 Glucose(Fasting) Fastingglucose PGlucoseFasting
CREATININE	CREATININE SCREATININE SECREATININE 14682-9
CHOLESTEROL	CHOLESTEROL SCHOLESTEROL SECHOLESTEROL TOTCHOLESTEROL 14647-2
eGFR	%GFR% 33914-3 62238-1 8267-7
HBA1C	%GLYCATED HAEM% %GLYCOSYLATED HAEM% %HBA1C (GLYCATED HB% 17856-6 4548-4 59261-8 Blood haemoglobin A 1 c IFCCHbA1cPercent IFCCHbA1c Glycated Haemoglob% Glycated Hemoglobin GLYCATEDHB GLYCATEDHB% GLYCOSYLATEDHB Haemoglobin A1c%HBA1C(Glycated Haemoglob% HAEMOGLOBINA1C Hb A1C HBA(HPLC) HBA1C HbA1c (IFCC) HBA1C (SI) HbA1c(IFCC) HBA1C(SI) HBA1CFRACTION IFCC HbA1c SI Hb A1C
HDL	HDL HDLCHOLESTEROL CHOLESTEROLHDL HDL(PROTECTIVE) 14646-4

LDL	LDL LDLCHOLESTEROL CHOLESTEROLLDL LDL(ATHEROGENIC) 22748-8
MICROALBUMIN	14957-5 1754-1 1755-8 30003-8 MALB Microalbumin Microalbuminuria U Albumin U Microalbumin% Urine Albumin Urine Microalbumin% UrineAlbumin
BMD	BMD (wildcard) Bone Mineral Densitometry (wildcard) DXA (wildcard) DEXA (wildcard) Dual Energy X-Ray Absorptiometry (wildcard) Body Composition Scan
TRIGLYCERIDES	TG TRIG TRIGLYCERIDES STRIGLYCERIDES SETRIGLYCERIDES TRIGLYCTOT 14927-8 30524-3

CAT Pathology Result Collected	**TEST NAME AND/OR LOINC CODE**
Cervical Screening	HPV %HPV% Human Papillomavirus Human Papilloma Virus Cervical Screening Test Cervical Screening National Cervical Screen CST CST E-REPORT CST TEXT CST PDF

Pap Smear	CCSR
	CERVICAL CONVENTIONAL SMEAR
	CERVICAL CYTOLOGY
	CERVICAL SMEAR
	CERVICAL SMR
	CYTOLOGY GYNAECOLOGICAL
	CYTOLOGY GYNAECOLOGICAL (PAP-0)
	GYNAE CYTOLOGY
	GYNAECOLOGICAL CYTOLOGY
	GYNEA CYTOLOGY
	NON SCREENING PAP
	NON SCREENING SMEAR
	PAN-O
	PAP
	PAP (BALLARAT)
	PAP (GEELONG)
	PAP NS
	PAP SMEAR
	PAP SMEAR (PAN-0)
	PAP SMEAR +/- THIN PREP
	PAP SMEAR OLD
	PAP SMEARS
	PAP TEST
	PAP-0 (PAP SMEAR)
	PAPFU
	PAPR
	PAPR NS
	THIN PREP ONLY
	THINP
	VAG SM
	VAGINAL SMR
	VAULT CYTOLOGY
	VAULT SMEAR

FOBT	%FOBT% %OCCULT% BOW FAECAL BLOOD FAECAL HAEMOGLOBIN faecal human haemoglobin Faecal Immunochemical Test Faecal Occult Blood Faecal occult blood screening Faecal Occult Blood Test FHB FOB FOB1 FOB2 FOB3 FOBT FOBT1 FOBT2 FOBT3 Insure FOBT NBSP OCB NATIONAL SCREENING OCCULT BLOOD Occult blood – faeces OCCULT BLOOD (OCB-0) OCCULT BLOOD (OCB-1) OCCULT BLOOD (OCB-2) Stool occult blood test LOINC: 2335-8 27396-1 14563-1 14564-9 14565-6 12503-9 12504-7 27401-9 27925-7 27926-5

Mammogram	Breast Mammogram Screening
	Bilateral Mammography
	Ultrasound Breast Bilateral
	Wesley Breast Clinic Consultation Report
	Mammogram
	Mammogram-normal
	Breast Mammography
	Mammography - Bilateral
	Mammogram Breastscreen NSW
	Screening Mammogram - BreastScreen Queensland
Covid-19 PCR	LOINC code
	94531-1
	94532-9
	94534-5
	94533-7
	94499-1
	94500-6
	94502-2
	94509-7
	94510-5
	94511-3
	94306-8
	94307-6
	94308-4
	94309-2
	94312-6
	94310-0
	94311-8
	94313-4
	94314-2
	94315-9
	94316-7
Covid-19 Serology	LOINC code
	94503-0
	94505-5
	94506-3
	94504-8
	94508-9
	94507-1