

Tanzanite One and Beryl

2025 Pathology formulary



All codes not listed, require authorisation

*Please note that the prices listed below, are reference prices only and that GEMS has specific arrangements in place with the various pathology labs.

RPL	DESCRIPTION	SUBJECT TO AUTHORISATION
A. CHEMISTRY		
CARDIAC / MUSCLE		
4152	CK-MB: Mass determination: Quantitative (Automated)	No
4161	Troponin isoforms: each	No
4488	B-Type Natriuretic Peptide	No
DIABETES		
4057	Glucose: Quantitative	No
4064	HbA1C	No
4221	Creatinine	No
4261	Micro Albuminuria (Quantitative)	No
INFLAMMATION / IMMUNE		
3947	C-reactive protein	No
LIPIDS		
4027	Cholesterol total	No
4026	LDL cholesterol	No
4028	HDL cholesterol	No
4147	Triglyceride	No
4132	Creatinine Kinase (CK)	No
4539	Procalcitonin:Quantitative	No
ARTERIAL BLOOD GAS		
4076	Blood gases: Astrup/pO ₂ and ancillary tests - can only be used to a maximum of 6 times per patient per calendar day	No
LIVER / PANCREAS		
3999	Albumin	No
4001	Alkaline phosphatase	No
4006	Amylase	No
4009	Bilirubin: Total	No
4010	Bilirubin: Conjugated	No
4117	Protein: Total	No
4130	Aspartate Aminotransferase (AST)	No
4131	Alanine Aminotransferase (ALT)	No
4133	Lactate Dehydrogenase (LD)	No
4134	Gamma Glutamyl Transferase (GGT)	No

RPL	DESCRIPTION	SUBJECT TO AUTHORISATION
RENAL / ELECTROLYTES / BONE		
4017	Calcium: Spectrophotometric	No
4032	Creatinine	No
4086	Lactate	No
4094	Magnesium: Spectrophotometric	No
4109	Phosphate	No
4113	Potassium	No
4114	Sodium	No
4155	Uric acid	No
4151	Urea	No
4171	Sodium + potassium +chloride +CO2 + urea	No
4031	Total CO2	No
4023	Chloride	No
CEREBROSPINAL FLUID		
B. HAEMATOLOGY		
3709	Antiglobulin test (Coombs' or trypsinized red cells)	No
3716	Mean cell volume	No
3743	Erythrocyte sedimentation rate	No
3739	Erythrocyte Count	No
3783	Leucocyte Differential Count	No
3785	Leucocytes - Total Count	No
3791	Packed Cell Volume: Haematocrit	No
3755	Full blood count (including items 3739, 3762, 3783, 3785, 3791)	No
3762	Haemoglobin estimation	No
3764	Grouping: A B and O antigens	No
3765	Grouping: Rh antigen	No
3797	Platelet count	No
3805	Prothrombin index	No
3809	Reticulocyte count	No
3865	Parasites in blood smear	No
4071	Iron	No
4144	Transferrin	No
4491	Vitamin B12	No
4528	Ferritin	No
4533	Folic acid	No
3856	D-Dimer (quantitative)	No
C. ENDOCRINE - REPRODUCTIVE		
4450	HCG: Monoclonal immunological: Qualitative	No
4531	Acute Hepatitis A (IgM)	No
4537	Prolactin	No

RPL	DESCRIPTION	SUBJECT TO AUTHORISATION
ENDOCRINE - THYROID		
4482	Free thyroxine (FT4)	No
3939	Agglutination test per antigen	No
4155	Uric acid	No
4182	Quantitative protein estimation: Nephelometer or Turbidometric method: FOR RHEUMATOID FACTOR ONLY	No
4484	Thyrotropin (TSH) + Free Thyroxine (FT4)	No
4451	HCG: Monoclonal immunological: Quantitative	No
4516	Follitropin (FSH)	No
ANTENATAL SCREENING		
4552	Second Trimester Down's screen	No
4546	First trimester Downs screen	No
HEPATITIS TESTS		
4531	Hepatitis: Per antigen or antibody	No
4531	Chronic Hepatitis A (IgG)	No
4531	Acute Hepatitis B (BsAG)	No
4531	Hepatitis B: carrier/immunity (BsAB)	No
HIV TESTS		
3816	T and B-cells EAC markers (limited to ONE marker only for CD4/8 counts)	No
3932	Antibodies to Human Immunodeficiency Virus (HIV): ELISA	No
3974	Qualitative PCR (only for children < age 6 months)	No
4429	Quantitative PCR (DNA/RNA)	No
4614	HIV Rapid Test	No
INFECTIOUS DISEASES AND OTHERS		
3946	IgM: Specific antibody titer: ELISA/EMIT: RUBELLA	No
3948	IgG: Specific antibody titer: ELISA/EMIT: RUBELLA	No
3949	Qualitative Kahn, VDRL or other flocculation	No
3951	Quantitative Kahn, VDRL or other flocculation	No
E. CYTOLOGY		
4566	Vaginal or Cervical smears, each	No
F. HISTOLOGY		
4567	Histology per sample	No
G. MISCELLANEOUS		
4352	Faecal Occult Blood test (FOB)	No
H. MICROBIOLOGY		
MCS		
3909	Anaerobe culture: Limited procedure	No
3901	Fungal culture	No
3918	Mycoplasma culture: Comprehensive	No
4401	Cell count	No
4188	Urine dipstick, per stick (irrespective of the number of tests on stick)	No
3928	Antimicrobial substances	No

RPL	DESCRIPTION	SUBJECT TO AUTHORISATION
3893	Bacteriological culture: Miscellaneous	No
3867	Miscellaneous (body fluids, urine, exudate, fungi, puss, scrapings, etc.)	No
3922	Viable cell count	No
3879	Campylobacter in stool: Fastidious culture	No
3895	Bacteriological culture: Fastidious organisms	No
3928	Antimicrobial substances	No
3887	Antibiotic susceptibility test: Per organism	No
3924	Biochemical identification of bacterium: Extended	No
3869	Faeces (including parasites)	No
3868	Fungus identification	No
3881	Mycobacteria	No
3901	Fungal culture	No
3868	Fungus identification	No
AFB FLUOROCHROME AURAMINE (ZN) ONLY		
3885	Cytochemical stain	No
3881	Antigen detection with monoclonal antibodies	No
TB CULTURE		
0221	Mantoux-Tuberculin PPD test	No
3881	Antigen detection with monoclonal antibodies	No
4433	Bacteriological DNA identification (LCR)	No
3916	Radiometric tuberculosis culture	No
3867	Miscellaneous (body fluids, urine, exudate, fungi, puss, scrapings, etc.)	No
3895	Bacteriological culture: Fastidious organisms	No
4655	TB Lipoarabinomannan Ag (LAM)	No
TB SENSITIVITY		
3887	Antibiotic susceptibility test: Per organism	No
3974	Polymerase chain reaction	Yes
EXTRAPULMONARY TB		
4139	Adenosine deaminase (CSF, Peritoneal or Pleural)	No
PARASITES		
3869	Faeces (including parasites)	No
3883	Concentration techniques for parasites	No
3865	Parasites in blood smear	No
BILHARZIA MICRO		
3980	Bilharzia Ag Serum/Urine	No
3867	Miscellaneous (body fluids, urine, exudate, fungi, puss, scrapings, etc.)	No
3946	IgM: Specific antibody titer:ELISA/EMIT: Per Ag	No
3883	Concentration techniques for parasites	No
DRUG MONITORING		
3806	Therapeutic drug level: Dosage	No
ONCOLOGY		
4582	Serial step sections (including item 4567)	No