

MICROBIOLOGY TESTS

SPECIMEN

MAXIMUM DELAY BEFORE REACHING LAB (PRE-ANALYTIC TAT)

Blood Culture	2 hours
CSF MCS	2 hours
Fluid MCS	2 hours
Urine MCS	2 hours
Swab MCS	2 hours
Sputum MCS	4-6 hours
Sputum Direct Microscopy	4-6 hours
Sputum Gene Xpert	4-6 hours
Sputum TB Culture	4-6 hours
Stool MCS	4-6 hours
Semen analysis	1 hour
Food & Water Analysis	4-6 hours

TEST NAME

AGREED TAT

	Min	Max
CVP/Catheter Tips C/S	48 hours	96 hours
Cather Tips Gram Stain	2 hours	4 hours
Fluid Microscopy Cell count, Gram Stain	2 hours	4 hours
CSF Cell Count, India Ink, Gram stain	2 hours	4 hours
CSF c/s	48 hours	96 hours
Cryptococcal Latex Antigen Test CSF	2 hours	4 hours
Cryptococcal Latex Antigen Test Serum Reflex	24 hours	48 hours
Cryptococcal Latex Antigen Test Serum	8 hours	24 hours
Sputum MCS	48 hours	96 hours
Semen Analysis	8 hours	24 hours
Semen MCS	48 hours	96 hours

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Pus MCS	48 hours	96 hours
Fluid MCS	48 hours	96 hours
Blood Culture	24 hours	168 hours
Urine Chemistry	4 hours	8 hours
Urine C/S	24 hours	96 hours
Stool Parasites	4 hours	8 hours
Ear Swab C/S	48 hours	96 hours
Throat Swab C/S	48 hours	96 hours
Tracheal Aspirate C/S	48 hours	96 hours
Bronchial Washings C/S	48 hours	96 hours
Genital Swab MCS	8 hours	96 hours
Stool MCS	48 hours	96 hours
TB Direct Microscopy	8 hours	24 hours
GeneXpert	8 hours	24 hours
TB Culture and Sensitivity	3 weeks	6 weeks
TB Culture and Sensitivity with Decontamination	3 weeks	6 weeks
Food & Water Analysis	48 hours	72 hours

ANATOMICAL PATHOLOGY

Anatomical Pathology Procedure	TAT	
	Routine	Urgent
Surgical Histology	10 working days	2 working days
Fine Needle Aspirate	5 working days	2 working days
Non-Gynaecology Cytology	5 working days	2 working days
Pap Smear Cytology	10 working days	2 working days
Frozen Section	10 Minutes (Receiving of sample to availability of slides for microscopy)	2 working days
Post-Mortem	1 month	

Definition of the TAT interval

The time presented here is measured as from the time of receiving the sample at the NIP laboratory to the time where results are available/released.



NAMIBIA INSTITUTE OF PATHOLOGY LIMITED



TAT Profiles



NIP TAT PROFILE FOR TESTS PERFORMED LOCALLY

TEST NAME RECEIVING-
VERIFICATION URGENT RECEIVING-
VERIFICATION

FBC + Diff (automated)	4 hours	2 hours
Malaria, Rapid	4 hours	2 hours
Blood Smear (parasites)	5 hours	2 hours
ESR	6 hours	6 hours
PI/ INR	4 hours	2 hours
APTT	4 hours	2 hours
Fibrinogen	4 hours	2 hours
D-Dimer	4 hours	2 hours
CD4	48 hours	12 hours
Bone Marrow Aspi- rate & Trepphine	5 days	2 days
Blood Film mor- phology (manual Diff)	48 hours	8-24 hours
Sickling Test	24 hours	24 hours
Reticulocyte Count	24 hours	8-24 hours
Factor Assays	6 hours	2 hours
UE & Creatinine	4 hours	2 hours
LFT	4 hours	2 hours
Glucose	4 hours	2 hours
Calcium	4 hours	2 hours
Magnesium	4 hours	2 hours
Phosphate	4 hours	2 hours
Cholesterol	4 hours	2 hours
Uric Acid	4 hours	2 hours
Iron Studies	8 hours	4 hours

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Ferritin	8 hours	4 hours
Folate	8 hours	4 hours
Vit B12	8 hours	4 hours
PSA/FP5A	8 hours	4 hours
CA125	8 hours	4 hours
CA199	8 hours	4 hours
CEA	8 hours	4 hours
AFP	8 hours	4 hours
CA153	8 hours	4 hours
Digoxin	4 hours	3 hours
CSF Protein	3 hours	3 hours
CSF Glucose	3 hours	3 hours
Fluid Protein	8 hours	4 hours
Fluid LD	8 hours	4 hours
Blood Gases	1 hour	1 hour
Amylase	8 hours	4 hours
Troponin T, I,CKMB	4 hours	4 hours
CK	4 hours	2 hours
Gentamycin	4 hours	3 hours
Theophylline	4 hours	3 hours
Salicylate	4 hours	3 hours
Phenobarbital	4 hours	3 hours
Valproic Acid	4 hours	3 hours
Phenytoin	4 hours	3 hours
Paracetamol	2 hours	3 hours
Amikacin	4 hours	3 hours
CRP	4 hours	2 hours
Procalcitonin	4 hours	2 hours
TPHA	32 hours	12 hours
RPR	24 hours	8 hours
Stool Occult Blood	8 hours	2 hours
Hepatitis Screen (A, B, C)	12 hours	4 hours
HBsAg	12 hours	4 hours

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Ausab	8 hours	4 hours
Total B-HCG	4 hours	2 hours
Pregnancy Test	4 hours	2 hours
FSH,LH, E2, Prol, Prog)	12 hours	6 hours
TFT (TSH, FT3, FT4)	12 hours	6 hours
Widal	24 hours	4 hours
RF	24 hours	8 hours
HIV	8 hours	4 hours
HIV Confirmation	16 hours	12 hours
Bilharzia	24 hours	24 hours
ASOT	24 hours	12 hours
HbA1c	24 hours	12 hours
Viral Load	72 hours	48 hours
HIV DNA PCR	96 hours	48 hours
CT	72 hours	48 hours
NG	72 hours	48 hours
EBV (Batched)	72 hours	72 hours
HSV (Batched)	72 hours	72 hours
Measles (Batched)	72 hours	72 hours
Helicobacter	72 hours	72 hours
Helicobacter / Stool	72 hours	72 hours
Ige	24 hours	8 hours
Phadiotop	96 hours	48 hours
Adults Rast	96 hours	48 hours
Rast Individual	24 hours	12 hours
Paediatric Rast	96 hours	48 hours
TMX	48 hours	48 hours
TORCH	24 hours	12 hours
Connective Tissue Disease	24 hours	24 hours
Double Stranded DNA	24 hours	24 hours