

LIST OF INVESTIGATIONS BEING DONE IN DEPARTMENT OF MICROBIOLOGY

1. BACTERIOLOGY

DIRECT MICROSCOPY
CULTURE AND ANTIMICROBIAL SUSCEPTIBILITY TESTING
DIRECT ANTIGEN DETECTION

2. TUBERCULOSIS

MICROSCOPY
CULTURE AND ANTIMICROBIAL SUSCEPTIBILITY TESTING
CB NAAT
TRUNAAT

3. MYCOLOGY

MICROSCOPY
CULTURE AND ANTIFUNGAL SUSCEPTIBILITY TESTING
DFA FOR PNEUMOCYSTIS
CRYPTOCOCCAL ANTIGEN DETECTION
DETECTION OF GALACTOMANAN ANTIGEN FOR ASPERGILLUS
PANFUNGAL PCR
PCR FOR PNEUMOCYSTIS, ASPERGILLUS, CANDIDA, MUCOR
ANTIGEN DETECTION FOR HISTOPLASMA

4. SEROLOGY & IMMUNOLOGY

WIDAL
RPR
DENGUE NS1 ANTIGEN DETECTION
DENGUE IgM DETECTION
CHIKUNGUNYA IgM DETECTION
ASO
CRP
ANA
RA FACTOR
HBsAg
ANTIBODIES AGAINST HCV
TOXOPLASMA IgM and IgG
CMV IgM
RUBELLA IgM and IgG
HSV IgM and IgG
ANTIBODIES AGAINST HEV

ANTIBODIES AGAINST HAV

ANTI HBS AB

TPHA

5. PARASITOLOGY

MICROSCOPY

RAPID MALARIA ANTIGEN

6. COVID LABORATORY

RT PCR

TRUNAT

CBNAAT

7. MOLECULAR

RT PCR

8. HIV

DETECTION OF ANTIBODY AGAINST HIV1&2