



SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY
(An Institute of National Importance under Govt. of India)
THIRUVANANTHAPURAM - 695011, KERALA
Website: www.sctimst.ac.in, Email: sct@sctimst.ac.in, Phone: (91)0471-2443152, Fax: (91)0471-2446433

Molecular Diagnostic Tests – Requisition Form

Department of Microbiology, SCTIMST

PLEASE SUBMIT THIS FORM WITH COMPLETE DETAILS ALONG WITH THE SPECIMEN

The Department of Microbiology at SCTIMST undertakes the following tests (listed in next page) in Molecular Diagnostics. The tests are based on the principle of Real-Time PCR for detection of DNA/RNA of the organism (Bacteria/Virus/Parasite/Fungus). The best time to detect DNA/RNA in case of viral diseases is within one week of fever. For bacterial, parasitic and fungal diseases, this may vary based on the pathogenesis and presence of the organism in the specimen. The agents/targets detected by each molecular panel are provided along with the recommended specimen and tariff for the test. Please label the specimen, fill the following details completely and choose the requested test and payment mode by ticking the box provided.

Volume of specimen required:

BioFire Meningitis/Encephalitis panel: Cerebrospinal fluid (CSF) – Min. 0.5 ml

BioFire Blood Culture Identification (BCID) panel: Adult – Min. 5ml, Pediatric – Min.2 ml
(in BacT/Alert bottle)

Fast Track panels & others: CSF/sterile body fluids/Blood/Pus/Urine – Min. 1 ml

Patient details:

Name of the patient:

Age:

Sex:

Hospital Number:

Duration of fever:

Other relevant symptoms/signs/investigation findings:

Prior antibiotics and duration:

Specimen details:

Collection date:

Time:

Physician details:

Name of the referring doctor:

Contact number:

Signature:

Payment details:

Hospital cash counter: Cash Card

NEFT/RTGS UTR No:

dated

(For Bank account details, Please refer to Page no: 3)

REPORT CAN BE COLLECTED FROM THE DEPARTMENT/OUTPATIENT KIOSK



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Please tick <input checked="" type="checkbox"/>	Name of the test & code	Agents detected	Specimen	Rate (INR)
Film Array: BioFire Diagnostics				
<input type="checkbox"/>	Meningitis/Encephalitis panel MBB3	Bacteria: <i>Escherichia coli</i> K1, <i>Haemophilus influenzae</i> , <i>Listeria monocytogenes</i> , <i>Neisseria meningitidis</i> , <i>Streptococcus agalactiae</i> , <i>Streptococcus pneumoniae</i> Viruses: Cytomegalovirus (CMV), Enterovirus, Herpes simplex virus 1 (HSV-1), Herpes simplex virus 2 (HSV-2), Human herpes virus 6 (HHV-6), Human parechovirus, Varicella zoster virus (VZV) Fungi: <i>Cryptococcus neoformans/C. gatti</i>	Cerebrospinal fluid (CSF)	13000
<input type="checkbox"/>	Respiratory panel MBB2	Viruses: Adenovirus, Coronavirus (HKU1, NL63, 229E, OC43), Human Metapneumovirus, Human Rhino/Enterovirus, Influenza A, A/H1, A/H3, A/H1-2009, Influenza B, Parainfluenza virus -1/2/3/4, Respiratory Syncytial virus (RSV) Bacteria: <i>Bordetella pertussis</i> , <i>Chlamydomphila pneumoniae</i> , <i>Mycoplasma pneumoniae</i>	Nasopharyngeal or throat swab in viral transport medium (VTM)/Sputum/Tracheal aspirate/BAL	13000
<input type="checkbox"/>	Blood Culture Identification (BCID) panel MBB4	Gram-Positive Bacteria: <i>Enterococcus</i> , <i>Listeria monocytogenes</i> , <i>Staphylococcus aureus</i> , <i>Streptococcus pyogenes</i> , <i>Streptococcus agalactiae</i> , <i>Streptococcus pneumoniae</i> Gram-Negative Bacteria: <i>Neisseria meningitidis</i> , <i>Haemophilus influenzae</i> , <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , Enterobacteriaceae - <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , <i>Klebsiella oxytoca</i> , <i>Enterobacter cloacae</i> complex, <i>Proteus</i> , <i>Serratia marcescens</i> Antimicrobial resistance genes: <i>mecA</i> (methicillin resistance), <i>vanA/B</i> (vancomycin resistance), KPC (carbapenem resistance) Yeast: <i>Candida (albicans/tropicalis/glabrata/krusei/parapsilosis)</i>	Blood in BacT/Alert bottle (Test will be done only when it flags positive)	13000 (Payment required only if test is done)
			If BacT/Alert bottle required	580 (Extra charges)
Fast-Track Diagnostics				
<input type="checkbox"/>	Tropical fever Core MBA2	Bacteria: <i>Salmonella</i> spp, <i>Rickettsia</i> spp, <i>Leptospira</i> spp Viruses: Dengue virus, Chikungunya virus, West Nile virus Parasite: <i>Plasmodium</i> spp	Blood in EDTA (Purple-topped vacutainer)/Urine	3000
<input type="checkbox"/>	Viral Encephalitis MBA1	Viruses: Adenovirus, Cytomegalovirus (CMV), Epstein Barr virus (EBV), Herpes simplex virus 1 & 2 (HSV-1/2), Varicella zoster virus (VZV), Enterovirus, Human parechovirus, Human parvovirus B19, Human herpes virus 6 & 7 (HHV-6/7)	Cerebrospinal fluid (CSF)/ Blood in EDTA (Purple topped vacutainer)	3000
Others				
<input type="checkbox"/>	Tuberculosis NuLamb MB96	<i>Mycobacterium tuberculosis</i> complex (MTBC)	CSF/Other sterile body fluids/Pus/Tissue	1000
<input type="checkbox"/>	Brucella MBA9	<i>Brucella</i> spp	Serum (Red-topped vacutainer)	100
<input type="checkbox"/>	Antimicrobial resistance genes MBA8	ESBL - bla CTX -M1/M914/M825, Toho1 Amp C - bla MOX/FOX/ACC/CMY-2/DHA/ACT Metallo-β lactamase - bla NDM-1 Vancomycin resistance - <i>vanA</i>	Culture isolates (Min. 10 isolates)	300/ isolate/ gene



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The details pertaining to the Bank Account of SCTIMST for NEFT/RTGS purposes are detailed below:

Account name : DIRECTOR, SCTIMST

Bank : STATE BANK OF INDIA, MEDICAL COLLEGE BRANCH, TRIVANDRUM

Branch code : 70029

Account no : 57036244025 (SAVINGS ACCOUNT)

IFSC Code : SBIN0070029

PAN no : AAAJS0437M