

## MICROBIOLOGY LABORATORY

- Sangli Civil Hospital : First floor of main building , **ROOM NO. 36**
- Miraj Civil Hospital : First floor of OPD building , **ROOM NO. 38**

### **Clinical Microbiology Laboratory :**

- Time : 9.00 am to 5.00 pm
- Sample receiving time : 9.00 am to 1.00 pm

#### **Tests done :**

Gram stain, ZN stain, Albert Stain, Stool microscopy for Vibrio cholerae, Stool microscopy for parasites , Albert Stain for diphtheria organism, HIV antibody, HCV antibody, HAV antibody, HEV antibody, HBsAg, Widal, VDRL ,ASO, CRP , RA, UPT

### **Microbiology Emergency Laboratory :**

- Time : 5.00 pm to 8.00 am

#### **Tests done :**

Stool for Microscopy - Vibrio organisms, Gram stain for gas gangrene organisms, Albert Stain for diphtheria organism, CSF Microscopy, blood culture, HIV- HBsAg-HCV testing

#### **Special facility:**

- BACTEC automated blood culture

INTEGRATED COUNSELLING & TESTING CENTRE (ICTC) LABORATORY  
(HIV VIRAL LOAD TESTING LABORATORY)

- Miraj Civil Hospital : First floor of OPD building , **ROOM NO. 33**
- Time : 9.00 am - 4.00pm

VIRUS RESEARCH & DIAGNOSTIC LABORATORY (VRDL)  
(MOLECULAR LABORATORY)

- Government Medical College, Miraj Campus :  
  
Besides Forensic Medicine & Toxicology (FMT) department

TB CULTURE & DRUG SUSCEPTIBILITY TESTING (TB C&D ST) LAB

- Government Medical College, Miraj Campus :  
  
Besides Forensic Medicine & Toxicology (FMT) department
- Charges : As per Maharashtra government GR dated 20 November 2017  
  
(Modified by the government from time to time)

### **INVESTIGATIONS DONE :**

| <b>Sr.No</b> | <b>Laboratory Name</b>                 | <b>Test Menu</b>                                                                                                                                                                                                                                                                                                      |
|--------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1.</b>    | <b>Bacteriology<br/>laboratory</b>     | <ul style="list-style-type: none"><li>➤ Gram stain</li><li>➤ Albert Stain</li><li>➤ Routine culture and sensitivity of various clinical specimens</li><li>➤ Culture &amp; air settle plate test for OT surveillance</li><li>➤ Gram stain + Conj. smear</li><li>➤ Hanging drop preparation</li><li>➤ OT swab</li></ul> |
| <b>2.</b>    | <b>Mycobacteriology<br/>laboratory</b> | <ul style="list-style-type: none"><li>➤ ZN stain &amp; Mycobacterial culture of various clinical specimens</li><li>➤ CBNAAT</li><li>➤ True Nat</li></ul>                                                                                                                                                              |

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| 3. | <b>Serology<br/>laboratory</b>   | <ul style="list-style-type: none"> <li>➤ Widal</li> <li>➤ VDRL</li> <li>➤ ASO</li> <li>➤ CRP</li> <li>➤ RA</li> <li>➤ UPT</li> <li>➤ Leptospira IgG / IgM antibody</li> <li>➤ Lepto rapid</li> <li>➤ Lepto ELISA</li> <li>➤ Brucella agglutination test</li> <li>➤ Weil-Felix</li> </ul> |
| 4. | <b>Immunology<br/>laboratory</b> | <ul style="list-style-type: none"> <li>➤ Estimation of CD4 Cell Count</li> <li>➤ CRP</li> </ul>                                                                                                                                                                                          |

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| 5. | <b>Virology<br/>laboratory</b>     | <ul style="list-style-type: none"> <li>➤ HAV IgM antibody</li> <li>➤ HBsAg</li> <li>➤ HCV antibody</li> <li>➤ HEV IgM antibody</li> <li>➤ HIV antibody</li> <li>➤ Dengue NS 1 antigen</li> <li>➤ Dengue IgM antibody</li> <li>➤ Dengue ELISA IgM</li> <li>➤ Chikungunya IgM antibody</li> <li>➤ Chik ELISA IgM</li> <li>➤ Swab collection service for H1N1<br/>influenza virus detection</li> <li>➤ KFD ELISA</li> </ul> |
| 6. | <b>Parasitology<br/>laboratory</b> | <ul style="list-style-type: none"> <li>➤ Microscopic examination of stool for<br/>parasites including special stains</li> <li>➤ T.V. Wet Mount, Gram stain</li> <li>➤ Modified ZN</li> </ul>                                                                                                                                                                                                                             |

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| 7. | <b>Mycology<br/>laboratory</b>  | <ul style="list-style-type: none"> <li>➤ Microscopy for fungus</li> <li>➤ Fungal culture</li> <li>➤ KOH mount for fungus</li> <li>➤ India Ink</li> </ul>                                                                                  |
| 8. | <b>Molecular<br/>laboratory</b> | <p>PCR for</p> <ul style="list-style-type: none"> <li>➤ Covid -19</li> <li>➤ Influenza</li> <li>➤ Dengue</li> <li>➤ Respiratory panel</li> <li>➤ Tropical panel</li> <li>➤ Neuropanel</li> <li>➤ HIV viral load</li> <li>➤ KFD</li> </ul> |