**Available testing facilities at Clinical Microbiology**

**(Room no: 336 / 344)**

* Blood for culture for aerobic bacteria
* Blood for culture in the diagnosis of brucellosis
* CSF culture
* Urine culture
* Wound swab / pus / discharge/ tissues for culture
* Sputum culture
* Endo-tracheal secretions / BAL culture
* Ear, nasal, throat culture
* CVP tip culture
* Peritoneal, plural fluids culture
* Nasopharyngeal aspiration for the diagnosis of whooping cough
* Bacterial antigen detection test in CSF
* *Legionella* antigen detection in urine
* *Mycoplasma* antibody detection test

**Antibiotic Susceptibility Test**

By CLSI method

* MIC by
	+ Automated antibiotic susceptibility system (BD Phoenix)
	+ Broth dilution
	+ E-test
* Disk diffusion

**Molecular biology tests**

* qPCR for,
	+ pathogenic *Leptospira* DNA detection
	+ *Streptococcus pneumonia*
	+ *Neisseria meningitides*
	+ *Bordetella pertussis*
	+ *Brucella spp*
	+ *Rickettsiae spp*
* NDM gene detection
* PVL gene detection

**Other tests**

* MRSA screening
* Microbiological efficiency of disinfectants
* Identification of bacterial isolates from clinical samples