

NAAC Criterion 8: Part B - Medical

8.1 Medical Indicator

8.1.9: Is the teaching hospital / clinical laboratory accredited by any National Accrediting Agency?



e-copies of Certificate/s of Accreditations

- NABH Accreditation of the teaching hospital
- NABL Accreditation of the laboratories





SI No. 010188



National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

National Accreditation Board for Hospitals & Healthcare Providers
5th Floor, ITPI Building, 4A, Ring Road, IP Estate, New Delhi 110 002, India
Phone: +91-11-42600600, Fax: +91-11-2332 3415 • Email: helpdesk@nabh.co • Website: www.nabh.co

SCOPE OF ACCREDITATION

PES Institute of Medical Sciences and Research Hospital

Certificate No. H-2016-0368

PES Post, Nalagampalli Village, Chittoor Dist
Kuppam - 517425, Andhra Pradesh

Date of First Certification: April 16, 2016

Date of Previous Cycle:
April 16, 2019 to April 15, 2022



Valid from : September 08, 2022

Valid thru : April 15, 2026

Clinical Services

- Anesthesiology including Critical Care
- Cardiology (Interventional & Non-Interventional)
- Dermatology and Venereology
- Dialysis (Outsourced)
- Dental
- Emergency Medicine
- General Medicine
- General Surgery including Laparoscopic Surgery
- Neurosurgery
- Obstetrics and Gynecology
- Ophthalmology
- Orthopedic Surgery including Joint Replacement Surgery and Arthroscopic Surgery
- Otorhinolaryngology
- Pediatrics including Neonatology
- Pediatric Surgery
- Plastic and Reconstructive Surgery

- Psychiatry (Only OPD)
- Respiratory Medicine
- Urology

Diagnostic Services

- 2D Echo
- Audiometry
- CT Scan
- Colposcopy
- DSA/Cath Lab
- Diagnostic Hysterolaparoscopy
- EEG
- Holter Monitoring
- Mammography
- MRI
- Spirometry
- Tread Mill Testing
- Ultrasound
- Vascular Lab
- X-Ray

Laboratory Services

- Clinical Bio-Chemistry
- Clinical Microbiology and Serology

- Clinical Pathology
- Cytopathology
- Hematology
- Histopathology
- Molecular Biology
- Toxicology

Pharmacy

- Dispensary

Transfusions Services

- Blood Transfusions Services
- Blood Bank

Professions Allied to Medicine

- Dietetics
- Physiotherapy
- Speech and Language Therapy

Support Services

- Ambulance



NABH and the NABH Accreditation Standards for Hospitals are ISQua Accredited

Dr. Atul Mohan Kochhar
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PESIMSR CENTRAL LABORATORIES, KUPPAM, CHITTOOR, ANDHRA PRADESH, INDIA		
Accreditation Standard	ISO 15189:2012		
Certificate Number	MC-6139	Page No	1 of 5
Validity	23/11/2023 to 22/11/2025	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CLINICAL BIOCHEMISTRY	Fluoride Plasma	Glucose	Glucose Oxidase Peroxidase
2	CLINICAL BIOCHEMISTRY	Heparinised Whole blood	pCO2	Potentiometry
3	CLINICAL BIOCHEMISTRY	Heparinized Whole blood	pH	Potentiometry
4	CLINICAL BIOCHEMISTRY	Heparinized whole blood	pO2	Potentiometry
5	CLINICAL BIOCHEMISTRY	Serum	Alanine Aminotransferase	UV With p-5-P Method
6	CLINICAL BIOCHEMISTRY	Serum	Albumin	BCG Method
7	CLINICAL BIOCHEMISTRY	Serum	Alkaline Phosphatase	PNP-AMP Buffer Method
8	CLINICAL BIOCHEMISTRY	Serum	Amylase	Dyed Amylopectine Method
9	CLINICAL BIOCHEMISTRY	Serum	Aspartate Transaminase	Enzymatic Method(P-5-P)
10	CLINICAL BIOCHEMISTRY	Serum	Bilirubin (Conjugated)	End-Point colorimetric (Dual Wavelength Cationic)
11	CLINICAL BIOCHEMISTRY	Serum	Bilirubin (UnConjugated)	End Point colorimetric (Dual wavelength)
12	CLINICAL BIOCHEMISTRY	Serum	Calcium	Arsenazo Method
13	CLINICAL BIOCHEMISTRY	Serum	Chloride	ISE {Direct}
14	CLINICAL BIOCHEMISTRY	Serum	Cholesterol	Cholesterol Oxidase
15	CLINICAL BIOCHEMISTRY	Serum	Cholinesterase	Butyryl Thiocholine (multiple point rate)
16	CLINICAL BIOCHEMISTRY	Serum	CK	NAC Activated - IFCC
17	CLINICAL BIOCHEMISTRY	Serum	Creatinine	Enzymatic(Sarcosine)
18	CLINICAL BIOCHEMISTRY	Serum	dHDL	Direct Measure, PTA/MgCl2
19	CLINICAL BIOCHEMISTRY	Serum	FT3	Chemiluminescent assay
20	CLINICAL BIOCHEMISTRY	Serum	FT4	Chemiluminescent assay
21	CLINICAL BIOCHEMISTRY	Serum	GGT	Glutamyl-4-Nitroanilide Method
22	CLINICAL BIOCHEMISTRY	Serum	H S Troponin I	Sandwich Enzyme Fluorescent Assay
23	CLINICAL BIOCHEMISTRY	Serum	Ionized Calcium	ISE {Direct}
24	CLINICAL BIOCHEMISTRY	Serum	LDH	UV Lactate to pyruvate Method
25	CLINICAL BIOCHEMISTRY	Serum	Lipase	Enzymatic Colipase Method
26	CLINICAL BIOCHEMISTRY	Serum	Magnesium	Formazan Dye method
27	CLINICAL BIOCHEMISTRY	Serum	Phosphorus	Phosphomolybdate Method
28	CLINICAL BIOCHEMISTRY	Serum	Potassium	ISE (Direct)



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ISO 15189:2012

Certificate Number

MC-6139

Page No

2 of 5

Validity

23/11/2023 to 22/11/2025

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
29	CLINICAL BIOCHEMISTRY	Serum	Sodium	ISE (Direct)
30	CLINICAL BIOCHEMISTRY	Serum	Total Bilirubin	Diphyline, Diazonium Salt
31	CLINICAL BIOCHEMISTRY	Serum	Total Protein	Biurets End Point Method
32	CLINICAL BIOCHEMISTRY	Serum	Total T3	Competitive Enzyme linked Fluorescent assay
33	CLINICAL BIOCHEMISTRY	Serum	Total T4	Competitive Enzyme Fluorescent assay
34	CLINICAL BIOCHEMISTRY	Serum	Triglycerides	Glycerol Phosphate oxidase
35	CLINICAL BIOCHEMISTRY	Serum	TSH	Sandwich Enzyme Linked Fluorescent Assay
36	CLINICAL BIOCHEMISTRY	Serum	TSH3	Chemiluminescent assay
37	CLINICAL BIOCHEMISTRY	Serum	TT3	Chemiluminescent assay
38	CLINICAL BIOCHEMISTRY	Serum	TT4	Chemiluminescent assay
39	CLINICAL BIOCHEMISTRY	Serum	Urea	Urease End Point Method
40	CLINICAL BIOCHEMISTRY	Serum	Uric Acid	Uricase/Peroxidase Method
41	CLINICAL BIOCHEMISTRY	Whole Blood	HbA1c	HPLC
42	CLINICAL PATHOLOGY	Body fluids (Ascitic, Pleural, Pericardial, CSF, Synovial, BAL fluid, ET secretions, cyst fluid aspirates)	Differential Leukocyte Count	May Grunwald Giemsa stained sediment smear examination
43	CLINICAL PATHOLOGY	Body fluids (Ascitic, Pleural, Pericardial, CSF, Synovial, BAL fluid, ET secretions, cyst fluid aspirates)	Total Leukocyte Count	Count on modified Neubauer counting chamber
44	CLINICAL PATHOLOGY	Stool	Occult blood	Standard Guaiac method
45	CLINICAL PATHOLOGY	Stool	Reducing substances	Copper sulfate reduction method
46	CLINICAL PATHOLOGY	Urine	Bilirubin	Dichlorobenzene diazonium method
47	CLINICAL PATHOLOGY	Urine	Blood	Peroxidase reaction
48	CLINICAL PATHOLOGY	Urine	Glucose	Glucose Oxidase/Peroxidase reaction
49	CLINICAL PATHOLOGY	Urine	Ketones	Nitroprusside method
50	CLINICAL PATHOLOGY	Urine	Leucocytes	Esterase reaction
51	CLINICAL PATHOLOGY	Urine	Nitrites	Diazonium method
52	CLINICAL PATHOLOGY	Urine	pH	Double indicator principle
53	CLINICAL PATHOLOGY	Urine	Protein	Protein error of indicator principle
54	CLINICAL PATHOLOGY	Urine	Specific gravity	Ion exchange method



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Certificate Number

MC-6139

Page No

3 of 5

Validity

23/11/2023 to 22/11/2025

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55	CLINICAL PATHOLOGY	Urine	Urobilinogen	Ehrlich reaction
56	CYTOPATHOLOGY	Body fluids (Ascitic, Pleural, Pericardial, CSF, Synovial, Pus, BAL fluid, ET secretions, nipple discharge, cyst fluids)	Cytospin/Centrifugation smear preparation, Pap, H&E and MGG staining	Light Microscopy with Interpretation
57	CYTOPATHOLOGY	Cervical and vaginal smears, Conventional Method	Pap stain	Light Microscopy with Interpretation
58	CYTOPATHOLOGY	Palpable or non palpable lesion involving any organ	FNA, smear preparation, MGG Pap and H&E staining	Light Microscopy with Interpretation
59	CYTOPATHOLOGY	Scraping from vesiculobullous lesions of skin	Tzanck Smear MGG and pap staining	Light Microscopy with Interpretation
60	CYTOPATHOLOGY	Scrapings / brushings (GIT, Bronchial, Oral)	MGG, Pap and H&E staining	Light Microscopy with Interpretation
61	CYTOPATHOLOGY	Sputum	MGG, Pap and H&E staining	Light Microscopy with Interpretation
62	HAEMATOLOGY	EDTA WHOLE BLOOD	Absolute Eosinophil Count	Calculated
63	HAEMATOLOGY	EDTA WHOLE BLOOD	Absolute Neutrophil Count	Calculated
64	HAEMATOLOGY	Citrated plasma	Partial thromboplastin time	Opto mechanical method
65	HAEMATOLOGY	Citrated plasma	Prothrombin time	Opto mechanical method
66	HAEMATOLOGY	EDTA WHOLE BLOOD	Absolute Lymphocyte Count	Calculated
67	HAEMATOLOGY	EDTA WHOLE BLOOD	Differential basophil count	VCSn Technology
68	HAEMATOLOGY	EDTA WHOLE BLOOD	Differential eosinophil count	VCSn Technology
69	HAEMATOLOGY	EDTA WHOLE BLOOD	Differential lymphocyte count	VCSn Technology
70	HAEMATOLOGY	EDTA WHOLE BLOOD	Differential monocyte count	VCSn Technology
71	HAEMATOLOGY	EDTA WHOLE BLOOD	Differential neutrophil count	VCSn Technology
72	HAEMATOLOGY	EDTA WHOLE BLOOD	Hematocrit	Calculated
73	HAEMATOLOGY	EDTA WHOLE BLOOD	Hemoglobin	Automated cyanmethemoglobin method
74	HAEMATOLOGY	EDTA WHOLE BLOOD	Mean Corpuscular Hemoglobin	Calculated
75	HAEMATOLOGY	EDTA WHOLE BLOOD	Mean Corpuscular Hemoglobin Concentration	Calculated
76	HAEMATOLOGY	EDTA WHOLE BLOOD	Mean Corpuscular Volume	Derived from RBC Histogram
77	HAEMATOLOGY	EDTA WHOLE BLOOD	Platelet Count	Electrical Impedance
78	HAEMATOLOGY	EDTA WHOLE BLOOD	Red Blood Cell Count	Electrical Impedance
79	HAEMATOLOGY	EDTA WHOLE BLOOD	Reticulocyte count	Brilliant Cresyl Blue stain



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ISO 15189:2012

Certificate Number

MC-6139

Page No

4 of 5

Validity

23/11/2023 to 22/11/2025

Last Amended on

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80	HAEMATOLOGY	EDTA WHOLE BLOOD	White Blood Cell Count	Electrical Impedance
81	HAEMATOLOGY	K2 EDTA BLOOD	Red Cell Distribution Width- CV	Derived from RBC Histogram
82	HISTOPATHOLOGY	Small medium and large tissue biopsies	Grossing, decalcification, processing, paraffin embedding, microtomy, H & E staining	Light Microscopy with Interpretation
83	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Alcian Blue stain	Light Microscopy with Interpretation
84	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Giemsa stain	Light Microscopy with Interpretation
85	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Grocott Methanamine silver stain for fungi	Light Microscopy with Interpretation
86	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Masson Trichrome stain	Light Microscopy with Interpretation
87	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Reticulin stain	Light Microscopy with Interpretation
88	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Van Gieson stain	Light Microscopy with Interpretation
89	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Verhoeff Van Gieson stain	Light Microscopy with Interpretation
90	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Von Kossa stain	Light Microscopy with Interpretation
91	HISTOPATHOLOGY	Tissue / Paraffin block / Unstained slide	Ziehl Neelsen stain for acid fast bacilli	Light Microscopy with Interpretation
92	HISTOPATHOLOGY	Tissue/ paraffin block / unstained slide	PAS stain	Light Microscopy with Interpretation
93	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Pus, Swab Sputum, Throat Swab, ET secretions, BAL, Urine and stool	Identification of bacteria by Gram stain, ZN stain, Culture followed by Biochemical tests (Manito, Motility, TSI, Indole, Citrate, Uriase - MMTPCU), and antibiotic sensitivity testing	Standard manual method of culture and identification of organism and antibiotic sensitivity testing by-Kirby Bauer method
94	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Blood	Peripheral smear examination for the detection of parasites	Direct Microscopy of Thick and Thin smear examination using Leishman stain
95	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Blood, BAL, Pleural fluid, Synovial fluid, Peritoneal fluid, CSF (Sterile body fluids) Ascitic and Pericardial fluid	Identification of bacteria by Gram stain, ZN stain, Culture followed by Biochemical tests (Manito, Motility, TSI, Indole, Citrate, Uriase - MMTPCU), and antibiotic sensitivity testing	Standard manual method of culture and identification of organism and antibiotic sensitivity testing by-Kirby Bauer method



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MC-6139

Page No

5 of 5

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96	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Plasma/Serum/Whole blood	Rapid Malaria antigen test (Pf / Pan)	Immunochromatographic qualitative assay for the detection of HRP - II antigen (Pf) and lactate dehydrogenase antigen (Pan Plasmodial antigen)
97	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Post Nasal swab	SARS 2 Covid Rapid Antigen test	Antigen - Capture Immunochromatographic assay
98	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	PUS, sputum, swabs, CSF, Pleural fluid, Peritoneal fluid, Pericardial fluid, Culture smear	Gram Stain	Direct Microscopy
99	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	ASO	Slide agglutination test
100	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Chikungunya	Immunochromatography
101	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	CRP	Slide agglutination test
102	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue	Immunochromatography
103	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HbsAg	One step sandwich antigen capture assay
104	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HCV	HCV DOT BLOT QUALITATIVE IMMUNO ASSAY
105	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	RA	Slide agglutination test
106	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	RPR	Card cardiolipin antigen flocculation test
107	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Widal	Slide Agglutination test
108	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Skin Scrapings, Nail Clippings and Hair	KOH preparation	Direct microscopic examination
109	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Sputum, and Slit Skin	Detection of AFB	ZN Staining and microscopy
110	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Throat Swab	Albert's Stain	Direct Microscopy
111	MOLECULAR TESTING	Blood	HIV RNA Qualitative	RT PCR (Open System)
112	MOLECULAR TESTING	Nasopharyngeal swab/ oropharyngeal swab in VTM/ ET secretions/BAL in VTM	SARS-CoV-2	Multiplex RTPCR test



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

PESIMSR CENTRAL LABORATORIES

has been assessed and accredited in accordance with the standard

ISO 15189:2012

**"Medical laboratories - Requirements for quality and
competence"**

for its facilities at

KUPPAM, CHITTOOR, ANDHRA PRADESH, INDIA

in the field of

Medical Testing

Certificate Number: MC-6139

Issue Date: 23/11/2023

Valid Until:

22/11/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: PES INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (PESIMSR)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer