



# NABL

## SCOPE OF ACCREDITATION

Laboratory Anand Diagnostic Laboratory, #54, Bowring Tower, Bowring Hospital Road, Shivajinagar, Bangalore, Karnataka

Accreditation Standard ISO 15189: 2012

Field Medical Testing Issue Date 28.10.2015

Certificate Number M-0007 Valid Until 27.10.2017

Last Amended on 03.12.2015 Page 15 of 49

S.No.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
140.	SERUM/ PLASMA	Uric Acid	Enzymatic Uricase	0.2 - 25 mg/dL.	1.9
141.	URINE	Uric Acid	Uricase	5.5 - 187 mg/dL.	4.3
142.	SERUM	Unconjugated Estriol	Chemiluminescent Competitive Immunoassay	0.07 - 11.2 ng/mL.	2.9
143.	SERUM/ PLASMA	Vitamin B12	Chemiluminescence	159 - 1000 pg/mL.	7.2
144.	SERUM	25 Hydroxy Vitamin D2	LC-MS/MS	2.343 - 150ng/mL.	15.7
145.	SERUM	25 Hydroxy Vitamin D3	LC-MS/MS	2.343 - 150ng/mL.	13.5
146.	URINE	VMA (Vanilyl Mandelic Acid)	Column Chromatography	1.9 - 300 mg/L.	14.3
<b>II. CLINICAL PATHOLOGY</b>					
1.	SEMEN	Semen Analysis WHO Recommendation	Macroscopy Appearance Physical / Chemical a. Volume, viscosity, liquefaction. b. pH c) fructose (Seliwanoff)	Descriptive  Descriptive / Qualitative	NA  NA

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S.No.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
			<u>Microscopy</u> a. Counts b. Motility c. Morphology d. Other cells e. Viability f. Agglutination	Quantitative / descriptive	NA
2.	SEMEN	Automated with Analyzer	<u>Macroscopy</u> Appearance <u>Physical / Chemical</u> a. Volume, viscosity, liquefaction. b. pH, fructose <u>Machine Analysis</u> a. Functional parameters b. Morphology parameters c. Counts	Descriptive Quantitative Total Sperm concentration	NA NA 10.0
3.	STOOL	Routine Analysis	<u>Macroscopy</u> Appearance <u>Microscopy</u> a. Parasites b. Cells c. Fat globules <u>Chemical</u> a. pH b. Reducing substances	Descriptive Descriptive	NA NA NA

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S.No.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
4.	STOOL	Stool Occult Blood	Standard GUAIAC Method	Pos / Neg	NA
5.	URINE	Pregnancy Test	Rapid membrane chromatography	Pos / Neg	NA
6.	URINE	Routine Analysis	<u>Macroscopy</u> Appearance <u>Microscopy</u> Manual & Automated Analysis of centrifuged deposit for Cells, Casts, Crystals, Bacilli, Fungal elements <u>Chemical automated strip reader/manual method</u> a. Protein – automated / sulfosalicylic acid method. b. Sugar – automated / strip (GOD – POD) / Benedicts method c. pH – automated / litmas paper d. Sp Gravity– automated / urinometer e. Blood – automated f. Bilirubin–automated/ Fouchets g. Bile salts – sulfur	Descriptive        Not present -4+       Not present - 4+	NA RBC= 5.5 WBC =3.6 Epi Cells = 13.4 Cast = 15.7 Bact = 9.1 COND =2.1

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S.No.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
			h. Urobilinogen – automated / Ehrlich reagent test.	Not present - 4+	
			i. Ketone bodies – automated / Rotheras test		
			j. Ascorbic acid		
7.	URINE	Phase Contrast Microscopy For Dysmorphic RBCs	Centrifuged sediment Examination under phase contrast microscopy	NA	NA
8.	SYNOVIAL FLUID AND OTHER BODY FLUIDS	Crystals	Sediment preparation and examination under polarized light for crystals	NA	NA
<b>III. HAEMATOLOGY &amp; IMMUNOHAEMATOLOGY</b>					
1.	BLOOD	Absolute Eosinophil Count	Cell Counter (Automated Flow Cytometry) / Microscopy	$\pm 0.12 \times 10^3/\mu\text{L}$ .	8.2
2.	BLOOD	Absolute Lymphocyte Count	Cell Counter (Automated Flow Cytometry) / Microscopy	$0.60 \times 10^3/\mu\text{L}$ or more	6.3
3.	BLOOD	Absolute Neutrophil Count	Cell Counter (Automated Flow Cytometry) / Microscopy	$1.20 \times 10^3/\mu\text{L}$ or more	4.4

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