#### KANVA DIAGNOSTIC SERVICES PVT. LTD.

744, 11th Block, 2nd Stage, Nagarbhavi Bengaluru – 560072, Karnataka, India

(Date of First Accreditation:06 January 2020)

QAI/CLA/ML/2020/0012

Valid from: 06 January 2022
Valid until: 05 January 2024

Accreditation Standard: ISO 15189:2012

		Clinical Biochemistry	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	EDTA Blood	Glycosylated Hemoglobin (HBA1c)	HPLC
2.	Heparinized Plasma/ Serum Random Urine	Osmolality	Calculation
3.	Heparinized Plasma/ Serum	Albumin	Bromo Cresol Green (BCG)
4.	Heparinized Plasma/ Serum	Alkaline Phosphatase (ALP)	P-Nitro Phenyl Phosphate (pNPP)
5.	Heparinized Plasma/ Serum	Amylase	IFCC
6.	Heparinized Plasma/ Serum	Anti HCV	ECLIA
7.	Heparinized Plasma/ Serum	ASL0	Immunoturbidimetry
8.	Heparinized Plasma/ Serum	Beta HCG	ECLIA
9.	Heparinized Plasma/ Serum	Bicarbonate	Enzymatic Assay
10.	Heparinized Plasma/ Serum	Bilirubin Direct	Diazotization
11.	Heparinized Plasma/ Serum	Bilirubin Indirect	Calculation
12.	Heparinized Plasma/ Serum	Bilirubin Total	Diazotization
13.	Heparinized Plasma/ Serum	Bioavailable Testosterone	Calculation
14.	Heparinized Plasma/ Serum	Blood Urea Nitrogen (BUN)	Calculated
15.	Heparinized Plasma/ Serum	Calcium	o-Cresolphthalein Complexone (o-CPC)
16.	Heparinized Plasma/ Serum	Chloride	ISE-indirect
17.	Heparinized Plasma/ Serum	CHOL/HDL Ratio	Calculated
18.	Heparinized Plasma/ Serum	Cholesterol	CHOD-POD
19.	Heparinized Plasma/ Serum	Cholinesterase	Colorimetric Assay
20.	Heparinized Plasma/ Serum	Cortisol	ECLIA
21.	Heparinized Plasma/ Serum	Creatine Phospho Kinase (CPK)	Kinetic UV



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		Clinical Biochemistry	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
22.	Heparinized Plasma/ Serum	Creatinine	Jaffe's Kinetic
23.	Heparinized Plasma/ Serum	CRP	Immunoturbidimetry
24.	Heparinized Plasma/ Serum	Estimated Glomerular Filtration Rate (eGFR)	Calculation
25.	Heparinized Plasma/ Serum	Estradiol	ECLIA
26.	Heparinized Plasma/ Serum	Ferritin	ECLIA
27.	Heparinized Plasma/ Serum	Follicle Stimulating Hormone (FSH)	ECLIA
28.	Heparinized Plasma/ Serum	Free T3	ECLIA
29.	Heparinized Plasma/ Serum	Free T4	ECLIA
30.	Heparinized Plasma/ Serum	Free Testosterone	Calculation
31.	Heparinized Plasma/ Serum	Gamma GT	Enzymatic Colorimetric Assay
32.	Heparinized Plasma/ Serum	Globulin	Calculation
33.	Heparinized Plasma/ Serum	HBsAg	ECLIA
34.	Heparinized Plasma/ Serum	HDL Cholesterol	Homogeneous Enzymatic Colorimetric Test
35.	Heparinized Plasma/ Serum	HIV	ECLIA
36.	Heparinized Plasma/ Serum	HOMA IR	Calculation
37.	Heparinized Plasma/ Serum	Immunoglobulin E (IgE)	ECLIA
38.	Heparinized Plasma/ Serum	Inorganic Phosphorus	Ammonium Molybdate UV
39.	Heparinized Plasma/ Serum	Insulin	ECLIA
40.	Heparinized Plasma/ Serum	Ionized Calcium	Calculation
41.	Heparinized Plasma/ Serum	Iron	Colorimetric Assay
42.	Heparinized Plasma/ Serum	Lactate Dehydrogenase (LDH)	Kinetic UV
43.	Heparinized Plasma/ Serum	LDL Cholesterol	Homogeneous Enzymatic Colorimetric Assay



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44.	Heparinized Plasma/ Serum	Lipase	Enzymatic Colorimetric Assay
45.	Heparinized Plasma/ Serum	Luteinizing Hormone (LH)	ECLIA
46.	Heparinized Plasma/ Serum	Magnesium	Xylidyl Blue
47.	Heparinized Plasma/ Serum	Potassium	ISE-Indirect
48.	Heparinized Plasma/ Serum	Progesterone	ECLIA
49.	Heparinized Plasma/ Serum	Prolactin	ECLIA
50.	Heparinized Plasma/ Serum	RA Factor	Immunoturbidimetry
51.	Heparinized Plasma/ Serum	SGOT/ALT	UV with P5P - IFCC
52.	Heparinized Plasma/ Serum	SGOT/AST	UV with P5P - IFCC
53.	Heparinized Plasma/ Serum	SHBG	ECLIA
54.	Heparinized Plasma/ Serum	Sodium	ISE-Indirect
55.	Heparinized Plasma/ Serum	Testosterone Total	ECLIA
56.	Heparinized Plasma/ Serum	Total Iron Binding Capacity (TIBC)	Calculation
57.	Heparinized Plasma/ Serum	Total Protein	Biuret
58.	Heparinized Plasma/ Serum	Total PSA	ECLIA
59.	Heparinized Plasma/ Serum	Total T3	ECLIA
60.	Heparinized Plasma/ Serum	Total T4	ECLIA
61.	Heparinized Plasma/ Serum	Transferrin Saturation	Calculation
62.	Heparinized Plasma/ Serum	Triglycerides	Glycerol Phosphate Oxidase (GPO)
63.	Heparinized Plasma/ Serum	TSH	ECLIA
64.	Heparinized Plasma/ Serum	Unsaturated Iron Binding Capacity (UIBC)	Direct Determination with FerroZine
65.	Heparinized Plasma/ Serum	Urea	Urease-GLDH



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		Clinical Biochemistr	у
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
66.	Heparinized Plasma/ Serum	Uric Acid	Uricase
67.	Heparinized Plasma/ Serum	Vitamin B12	ECLIA
68.	Heparinized Plasma/ Serum	Vitamin D3 – Total	ECLIA
69.	Heparinized Plasma/ Serum	VLDL Cholesterol	Calculation
70.	Heparinized/ Fluoride Plasma/ Serum	Glucose	Hexokinase
71.	Random/ 24 Hrs Urine	Creatine Clearance Test	Calculation
72.	Random/ 24 Hrs Urine	Calcium	o-Cresolphthalein Complexone (o-CPC)
73.	Random/ 24 Hrs Urine	Creatinine	Jaffe's Kinetic
74.	Random/ 24 Hrs Urine	Phosphorus	Ammonium Molybdate UV
75.	Random/ 24 Hrs Urine	Potassium	ISE-Indirect
76.	Random/ 24 Hrs Urine	Sodium	ISE-Indirect
77.	Random/ 24 Hrs Urine	Urea	Urease-GLDH
78.	Random/ 24 Hrs Urine	Uric Acid	Uricase
79.	Random/ 24 Hrs Urine	Urinary Protein	Turbidimetric Method
80.	Random/ 24 Hrs Urine	Urine Microalbumin	Immunoturbidimetry
81.	Random/ 24 Hrs Urine	Urine Protein/ Creatinine Ratio	Calculation



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		Clinical Pathology	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Body Fluid (All Fluids Except CSF)	Clarity	Manual
2.	Body Fluid (All Fluids Except CSF)	Color	Manual
3.	Body Fluid (All Fluids Except CSF)	Eosinophils	Microscopy/ Neubauer's Chamber
4.	Body Fluid (All Fluids Except CSF)	Lymphocytes	Microscopy/ Neubauer's Chamber
5.	Body Fluid (All Fluids Except CSF)	Mesothelial Cells	Microscopy/ Neubauer's Chamber
6.	Body Fluid (All Fluids Except CSF)	Monocytes/ Macrophages	Microscopy/ Neubauer's Chamber
7.	Body Fluid (All Fluids Except CSF)	Neutrophils	Microscopy/ Neubauer's Chamber
8.	Body Fluid (All Fluids Except CSF)	Volume	Manual
9.	Body Fluid (All Fluids Except CSF)	WBC Count	Microscopy/ Neubauer's Chamber
10.	Semen	Agglutination	Microscopy
11.	Semen	Color	Manual
12.	Semen	Liquification Time	Manual
13.	Semen	Non-Motile (%)	Automated Semen Analyzer/ Manual Microscopy/ Neubauer's Chamber
14.	Semen	Non-Progressively Motile (NP%)	Automated Semen Analyzer/ Manual Microscopy/ Neubauer's Chamber



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		Clinical Pathology	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
15.	Semen	Progressively Motile (PR%)	Automated Semen Analyzer/ Manual Microscopy/ Neubauer's Chamber
16.	Semen	Normal Morphology	Microscopy (PAP stain)
17.	Semen	pH	Manual
18.	Semen	Pus Cells	Microscopy
19.	Semen	Sperm Concentration	Automated Semen Analyzer/ Manual Microscopy/ Neubauer's Chamber
20.	Semen	Sperm Count	Automated Semen Analyzer/ Manual Microscopy/ Neubauer's Chamber
22.	Semen	Viscosity	Manual
23.	Semen	Volume	Manual
24.	Stool	Blood	Manual
25.	Stool	Color	Manual
26.	Stool	Consistency	Manual
27.	Stool	Cyst	Microscopy
28.	Stool	Mucous	Manual
29.	Stool	Ova	Microscopy
30.	Stool	Pus Cells	Microscopy
31.	Stool	RBC's	Microscopy
32.	Stool	Stool for Occult Blood	Manual (Guaiac Test-Hemospot Test)
33.	Stool	Stool for Reducing Substance	Manual (Benedict's test)
34.	Stool	Trophozoites	Microscopy



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		Clinical Pathology	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
35.	Urine	Bilirubin	Automated Test Strip Reaction/ Manual (Fouchet's Test/ Bile Salts by Hay's Test)
36.	Urine	Blood	Automated Test Strip Reaction (Peroxidative Action)
37.	Urine	Erythrocytes	Automated Flow Cytometry
38.	Urine	Glucose	Automated (Test Strip Reaction Glucose – Oxidase - Peroxidase Reaction)/ Manual (Benedict's Semi Quantitative Method)
39.	Urine	Ketone Bodies	Automated Test Strip Reaction (Principle of Legal's Test)
40.	Urine	Leukocyte Esterase	Automated Test Strip Reaction
41.	Urine	Nitrite	Automated Test Strip Reaction
42.	Urine	рН	pH Indicators by Methyl Red, Bromothymol Blue and Phenolphthalein.
43.	Urine	Physical Examination Clarity	Automated (Transmission Reflectance Photometry)
44.	Urine	Physical Examination Color	Automated (Transmission Reflectance Photometry)/ Manual
45.	Urine	Protein	Automated (Protein Error of Ph Indicators/ Manual Method)
46.	Urine	Specific Gravity	Automated Transmission Refractometry Method
47.	Urine	Urobilinogen	Automated Test Strip Reaction
48.	Urine-Microscopy	Bacteria	Automated Flow Cytometry/ Microscopy
49.	Urine-Microscopy	Casts	Automated Flow Cytometry/ Microscopy
50.	Urine-Microscopy	Epithelial Cells	Automated Flow Cytometry/ Microscopy
51.	Urine-Microscopy	Leucocytes	Automated Flow Cytometry/ Microscopy



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		Cytopathology	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Fluid Aspirated from Serosal Cavities, Sputum, Urine (Except CSF), Nipple Discharge, BAL Fluid	Exfoliative Cytologic Analysis	Centrifuged Deposit Smears Smear Preparation (Dry/ Wet Fixed) - Stain (MGG/ H&E/ PAP) - Microscopic Evaluation and Interpretative Report Including Presence/ Absence of Malignancy, with Recommendations (if any)
2.	Material Obtained from Palpable/ Non - Palpable Lesions in the Body. Appropriate Special Stains Like AFB, etc.	Fine Needle Aspiration Cytology	Obtaining Representative Material by Aspiration/ Non-Aspiration Technique, Either as Direct Procedure or Under Imaging Guidance Preparation of Smears (Air Dried/ Wet Fixed) - Staining with MGG/ H&E/ PAP and any Other Special Stains as Found Necessary - Microscopic Study of Stained Slide and Interpretative Report with Recommendations (if any)
3.	Slide with Smear (Stained)	Second Opinion Slides	Microscopic Study and Interpretative Report with Recommendations (if any)
4.	Smears from ECTO / ENDO Cervix / Vagina Smear from Tissue Special Stains. Microscopic Study of Slides or Whole Slide Imaging and Interpretative Report with Recommendations (if any) NA	PAP Smear Study -Conventional Smear	Smear Study Conventional Smear -Staining with PAP Stain - Microscopic Study and Interpretative Report on Lines of Bethesda System with Recommendations (if any)



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		Haematology	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	EDTA Sample	Absolute Basophil Count	Automated Hematology Analyzer
2.	EDTA Sample	Absolute Eosinophil Count	Automated Hematology Analyzer
3.	EDTA Sample	Absolute Lymphocyte Count	Automated Hematology Analyzer
4.	EDTA Sample	Absolute Monocyte Count	Automated Hematology Analyzer
5.	EDTA Sample	Absolute Neutrophil Count	Automated Hematology Analyzer
6.	EDTA Sample	Basophils %	Automated Hematology Analyzer
7.	EDTA Sample	Blood Group and Rh Typing	Blood Slide/ Tube Agglutination
8.	EDTA Sample	Eosinophils %	Automated Hematology Analyzer
9.	EDTA Sample	ESR	VES Matic Cube 30/ Modified Westergren Method/ Manual
10.	EDTA Sample	HCT	Automated Hematology Analyzer (Electrical Impedance Variation, Calculated)
11.	EDTA Sample	HGB	Automated Hematology Analyzer (SLS)
12.	EDTA Sample	LYMPHOCYTES %	Automated Hematology Analyzer
13.	EDTA Sample	MCH	Automated Hematology Analyzer (Electrical Impedance Variation, Calculated)
14.	EDTA Sample	MCHC	Automated Hematology Analyzer (Electrical Impedance Variation, Calculated)
15.	EDTA Sample	MCV	Automated Hematology Analyzer (Electrical Impedance Variation, Calculated)
16.	EDTA Sample	Monocytes %	Automated Hematology Analyzer
17.	EDTA Sample	Neutrophils %	Automated Hematology Analyzer
18.	EDTA Sample	Peripheral Smear	Manual/ Leishman's Stain
19.	EDTA Sample	PLT	Electrical Impedance Variation



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		Haematology	
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
20.	EDTA Sample	RBC	Automated Hematology Analyzer (Electrical Impedance Variation)
21.	EDTA Sample	RDW CV	Electrical Impedance Variation
22.	EDTA Sample	RDW SD	Electrical Impedance Variation
23.	EDTA Sample	Reticulocyte	Manual/ Retic Staining (Brilliant Cresyl Blue)
24.	EDTA Sample	WBC	Automated Hematology Analyzer Electrical Impedance Variation)
25.	Sodium Citrate Sample	APTT	Automated Hemostasis Analyzer-Optomechanical
26.	Sodium Citrate Sample	PT	Automated Hemostasis Analyzer-Optomechanical



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	Microbiology & Serology			
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used	
1.	Blood, Sputum, Body Fluids, Corneal Scrapings/ Button, Urine, Tips (Et, Cvp), Nail, Skin and Hair, Inoculated Plates, Stool, Media	Fungal Culture	Culture on Sabouraud Dextrose Agar	
2.	Blood/Bone Marrow in Culture Broth	Aerobic Culture	Culture In Liquid Broth (Automated) Bact/Alert	
3.	CSF	Crypto-Coccus	India Ink Preparation	
4.	EDTA	RMT	Lateral Flow Chromatographic Immunoassay	
5.	Hair, Nail, Skin Scrapings, Sputum, Body Fluids, Corneal Scrapings, Urine, Pus, Tips, Et Secretions, Tissue, Bone)	Koh and Wet Mount	Light Microscopy	
6.	Serum	ANA Profile	Immuno Blot Method	
7.	Serum	Dengue NS 1, IgM, IgG	Automated Elisa - Semi Quantitative	
8.	Serum	HBsAg	One Step plmmunoassay	
9.	Serum	HCV	Immunofiltration	
10.	Serum	HIV1 & 2	Immunofiltration	
11.	Serum	ТРНА	Hemagglutination	
12.	Serum	Typhoid IGM / IGG Antibody	Lateral Flow Chromatographic Immuno Assay	
13.	Serum	Weil Felix	Tube Agglutination	
14.	Serum	Widal	Tube Agglutination	
15.	Serum/ CSF	RPR	Slide Flocculation	



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	Microbiology & Serology			
SI. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used	
16.	Sputum, Throat Swab, Pus, Corneal Scrapings, Body Fluid, Tissue, Urethral Discharge, Genital Discharge, Urine, Prepared Smear, Et Secretions	Gram Stain	Light Microscopy	
17.	Urine, Pus, Sputum, Bronchial Wash, Body Fluids, Tissue, Et Secretions, FNAC, Surgical Biopsy Aspirate, Prepared and Stained/ Unstained Smear Slide	Ziehl Neelsen Method	Light Microscopy	
18.	Urine, Sputum, Pus, Wound Swab, Throat Swab, Body Fluid, Corneal Scraping/Button, Tips (Et, Cvp), Tissue, Incubated Plates, Cvp Tip, Catheter Tip, Semen. Bronchial Wash	Aerobic Culture	Culture on Basic Media Plates Antibiotic Susceptibility Testing by VITEK 2 Compact	

