



List of accredited tests with test methodologies

SCOPE	TEST NAME	METHODOLOGY
CHEMISTRY	Biochemistry	GGT :-Enzymatic-Gamma glut - 3-carb-4-nitro; AST&ALT :-Enzymatic-Colorimetric without PLP; TP :-Biuret; ALB :-Bromocresol Green; LDH :-Enzymatic (Lactate to Pyruvate); CK :-Enzymatic; UA :-Enzymatic-Uricase; Urea :- Urease, kinetic; CHOL :-Enzymatic CHOD-POD; ALP :-Enzymatic-PNP; Amylase :-Enzymatic - CNPG3 ; Glucose :-Hexokinase ; Calcium :-Arsenazo III; Creatinine :-Jaffe Reaction ; MG :-Xylidyl Blue; PHOS :-Phosphomolybdate UV
	Electrolyte Plus	Sodium, Potassium and Chloride : -ISE Direct
	Bile acid	Enzyme-Linked Immunosorbent Assay
	Cortisol	Enzyme-Linked Immunosorbent Assay
	Canine pancreatic lipase	Enzymatic -HRPO
	Feline pancreatic lipase	Enzymatic -HRPO
	Total T4	Enzyme-Linked Immunosorbent Assay
	Lead	Electrophotometry
	Urine Analysis	Leukocyte :- Leukocyte esterase; Ketone :- Legal's test; Nitrite :- Griess's test; Urobilinogen :- Ehrlich reaction; Bilirubin :- Diazonium salt; Glucose :- Glucose oxidase/peroxidase reaction; Specific gravity :- Bromothymol blue; pH :- Bromocresol green and bromxylenol blue; Blood :- Hydroperoxide reaction; Inflammatory cells, Erythrocytes,Epithelial cells,Casts, Crystals & Bacteria :- Microscopy
	Fluid Analysis	Glucose :- Glucose oxidase/peroxidase reaction; Specific gravity :- Bromothymol blue; Blood :- hydroperoxide reaction; pH :- bromocresol green and bromxylenol blue; Protein :- protein error of pH indicator; Leucocytes :- Leukocyte esterase
	Toxicology (Aflatoxin, Ochratoxin, Fumonisin & Zearalenone)	Competitive enzyme immunoassay
HEMATOLOGY	Haematology (Manual)	Hemoglobin HGB :- Modified Azidemethemoglobin Reaction; RBC,WBC,Hct,Heterophils,Lymphocytes,Monocytes,Eosinophils& Basophils :- Manual method
	Reticulocyte Count	Manual method
	Haematology (Automated)	WBC,RBC,PLT,MCV,MPV,LYM,MON & Granulocytes :- Impedance measurement; HGB :- Spectrophotometry; Hematocrit ,MCH, MCHC,RDW :- Calculation
DIAGNOSTIC IMMUNOLOGY	All Rapid tests	Lateral flow - Rapid Immunochromatographic method
	All ELISA tests	Enzyme-Linked Immunosorbent Assay
	Rose Bengal Test	Slide-Agglutination (Manual)
MOLECULAR DIAGNOSTICS	All conventional PCR tests	Conventional Polymerase Chain Reaction
	All real time PCR tests	Quantitative Real Time Polymerase Chain Reaction
PATHOLOGY	Cytology	Microscopy
	Histopathology	Microscopy
MICROBIOLOGY	Bacterial/fungal culture and Identification	Manual Culture and Automated/Manual Identification
	Antibiotic/Antimycotic Sensitivity Test	Kirby-Bauer Testing or Disk Diffusion Antibiotic Sensitivity Testing Method
	E. coli 0157 latex agglutination	Rapid Slide Agglutination Technique
	Salmonella serotyping	Agglutination Reaction of Surface Antigens with Specific Antibodies using The Kauffmann-White Scheme
	Staphylococcus aureus latex agglutination slide test	Rapid Slide Agglutination Technique
	Dermatophyte culture	Manual culture using Specific Media
	Crop	Direct Microscopy
	Fecal test	Direct Microscopy & floatation technique
	Parasitology procedure	Direct Microscopic Examination by Digestion of the sample using Potassium hydroxide Solution
	AFB staining	Ziehl-Neelsen (ZN) Method