

S.No	Test Name	Methodology	Sample	Vol	Storage	Report	Instructions
HEMATOLOGY							
1	COMPLETE BLOOD COUNT - AVIAN SPECIFIC	MANUAL	BLOOD	1.5 ML	2 - 8 ° C	6-8 HRS	EDTA TUBE
2	COMPLETE BLOOD COUNT- DOG, CAT, HORSE, COW, RABBIT, RAT, MOUSE, SHEEP, GOAT, FERRET, PIG, CAMEL	AUTOMATED	BLOOD	1ML	2 - 8 ° C	4-5 HRS	EDTA TUBE
STAINING & PARASITOLOGY							
3	BLOOD SMEAR EXAMINATION	MICROSCOPE	BLOOD/ SMEAR	1ML	RT	4-5 HRS	EDTA TUBE
4	GRAM STAINING	MICROSCOPE	BODY FLUIDS, SPUTUM, BRONCHIAL WASHING, TISSUES, ORAL, GENITAL, WOUND SWABS	1ML	RT	4-5 HRS	NO SPECIFIC INSTRUCTION
5	GIEMSA STAINING	MICROSCOPE	BODY FLUIDS, SPUTUM, BRONCHIAL WASHING, TISSUES, ORAL, GENITAL, WOUND SWABS	1ML	RT	4-5 HRS	NO SPECIFIC INSTRUCTION
6	METHYLENE BLUE STAINING	MICROSCOPE	BODY FLUIDS, SPUTUM, BRONCHIAL WASHING, TISSUES, ORAL, GENITAL, WOUND SWABS	1ML	RT	4-5 HRS	NO SPECIFIC INSTRUCTION

7	LACTOPHENOL COTTON BLUE	MICROSCOPE	BODY FLUIDS, SPUTUM, BRONCHIAL WASHING, TISSUES, ORAL, GENITAL, WOUND SWABS	1ML	2 - 8 °C	4-5 HRS	NO SPECIFIC INSTRUCTION
8	SEDIMENTATION	MICROSCOPE	FECES	2GM	2 - 8 °C	4-5 HRS	LEAK PROOF SCREW CAP VIALS / ZIP LOCK COVER
9	FECAL WET MOUNT	MICROSCOPE	FECES	2GM	2 - 8 °C	4-5 HRS	LEAK PROOF SCREW CAP VIALS / ZIP LOCK COVER
10	SKIN SCRAPPING	MICROSCOPE	SKIN SCRAP	-	RT	4-5 HRS	LEAK PROOF SCREW CAP VIALS / ZIP LOCK COVER
11	FECAL OCCULT TEST	MICROSCOPE	FECES	2GM	2 - 8 °C	4-5 HRS	LEAK PROOF SCREW CAP VIALS / ZIP LOCK COVER
12	KNOTT TEST	MICROSCOPE	FECES	2GM	2 - 8 °C	4-5 HRS	LEAK PROOF SCREW CAP VIALS / ZIP LOCK COVER
13	PROTHROMBIN TIME	COAGULATION	CITRATE PLASMS	1ML	2 - 8 °C	4-5 HRS	SODIUM CITRATE PLASMA (3.2%)
14	FINE NEEDLE ASPIRATION CYTOLOGY (FNAC)	MICROSCOPE	SMEAR		RT	2 - 3 DAYS	2 SLIDES NEED TO BE GIVEN

15	VAGINAL EXFOLIATIVE CYTOLOGY (VEC)	MICROSCOPE	SMEAR		RT	4-5 HRS	2 SLIDES NEED TO BE GIVEN
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BIOCHEMISTRY

16	ELECTROLYTES (SODIUM, POTASSIUM & CHLORIDE)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
17	LIPID PROFILE (CHOLESTEROL, LDH, TRIGLYCERIDES, LDL & HDL - CHOLESTEROL)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
18	KIDNEY COMPLETE PROFILE (BUN,CREATININE,PHOSPHORUS, CALCIUM, BUN:CR)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
19	LIVER COMPLETE PROFILE (TOTAL PROTEIN, ALBUMIN, GLOBULIN, ALB:GLB RATIO, ALT/GPT, AST/SGOT, TOTAL BILIRUBIN, DIRECT BILIRUBIN, ALKALINE PHOSPHATASE, GAMMA-GT)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
20	KIDNEY MINI PROFILE (BUN,CREATININE,PHOSPHORUS,BUN:CR)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
21	LIVER MINI PROFILE (TOTAL PROTEIN, ALT, ALP, ALBUMIN, GLOBULIN, ALB:GLB RATIO)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
22	BASIC METABOLIC PROFILE (BUN, CREATININE, BUN:CRE RATIO, TOTAL PROTEIN, ALBUMIN, GLOBULIN, ALB:GLB RATIO, ALT/SGPT & ALP)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE

23	COMPLETE METABOLIC PROFILE (BUN, CREATININE, BUN:CRE RATIO, TOTAL PROTEIN, ALBUMIN, GLOBULIN, ALB:GLB RATIO, ALT/SGPT, ALP, CHOLESTEROL, GAMMA-GT, TOTAL BILIRUBIN, GLUCOSE & PHOSPHORUS)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
24	ALANINE AMINOTRANFERASE (ALT) / SGPT	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
25	ALBUMIN	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
26	ALKALINE PHOSPHATAE (ALP)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
27	AMYLASE	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
28	ASPARTATE AMINOTRANFERASE (AST) / SGOT	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
29	BILIRUBIN (DIRECT, INDIRECT & TOTAL)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
30	BILIRUBIN (TOTAL)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
30	BILIRUBIN (DIRECT)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
32	BUN	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
33	CALCIUM	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
34	CHLORIDE	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE

35	CHOLESTEROL	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
36	CREATININE	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
37	GAMMA GLUTAMYL TRANSFERASE (GGT)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
38	GLOBULIN	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
39	GLUCOSE	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
40	HDL CHOLESTEROL	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
41	LACTATE DEHYDROGENASE (LDH)	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
42	LDL CHOLESTEROL	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
43	PHOSPHORUS	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
43	POTASSIUM	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
44	SERUM AMMONIA	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
45	SODIUM	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
46	TOTAL PROTEIN	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
47	TRIGLYCERIDES	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE

48	UREA	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
49	URIC ACID	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
50	VITAMIN B12	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
51	PHOSPHATE	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
52	MAGNESIUM	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE
53	LIPASE	AUTOMATED	SERUM	1ML	2 - 8 °C	4-5 HRS	COAGULANT TUBE

HORMONE ANALYSIS

54	FREE T3	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
55	FREE T4	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
56	Total T3	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
57	Total T4	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
58	TESTOSTERONE	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
59	TSH	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
60	PROGESTERONE	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE

61	CORTISOL	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
62	ESTROGEN	ELISA	SERUM	1ML	3 - 8 °C	8 HRS	COAGULANT TUBE
63	THYROID PANEL (FT3, FT4 & TSH)	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
64	THYROID PANEL (TT3, TT4 & TSH)	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE
65	THYROID PANEL T5 (FT3, FT4, TT3, TT4 & TSH)	ELISA	SERUM	1ML	2 - 8 °C	8 HRS	COAGULANT TUBE

URINE ANALYSIS

66	URINE COMPLETE ANALYSIS	DIP STRIP & MICROSCOPIC	URINE	10ML	2 - 8 °C	4-5 HRS	SHOULD GIVEN IN LAB CONTAINER
67	URINE CRYSTALS	MICROSCOPIC	URINE	10ML	2 - 8 °C	4-5 HRS	SHOULD GIVEN IN LAB CONTAINER

POLYMERASE CHAIN REACTION (PCR)

68	CANINE ANAPLASMA PLATYS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
69	CANINE BABESIA SPECIES	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
70	CANINE BABESIA GIBSONI	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
71	CANINE DISTEMPER VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
72	CANINE E.CANIS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
73	CANINE H.CANIS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
74	CANINE PARVO VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
75	CANINE LEPTOSPIROSIS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE

76	CANINE TICK PANEL 1 (E.CANIS, BABESIA SPP., BABESIA GIBSONI, ANAPLASMA PLATYS)	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
77	CANINE TICK PANEL 2 (E.CANIS, BABESIA SPP., BABESIA GIBSONI, ANAPLASMA PLATYS & H.CANIS)	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
78	CANINE TICK PANEL 3 (E.CANIS, BABESIA SPP., BABESIA GIBSONI, ANAPLASMA PLATYS, H.CANIS & LEPTOSPIROSIS)	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
79	FELINE ADENO VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
80	FELINE CALICI VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
81	FELINE CORONA VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
82	FELINE HERPES VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
83	FELINE PANLEUKOPENIS VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
84	AVIAN DNA SEXING	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
85	AVIAN Pbfd	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
86	AVIAN PDD	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
87	AVIAN ADENO VIRUS	PCR	BLOOD	1ML	2 - 8 °C	24 HRS	EDTA TUBE
88	BOVINE FOOT & MOUTH DISEASE	PCR	BLOOD	1ML	2 - 8 °C	25 HRS	EDTA TUBE
89	AVIAN - NEW CASTLE DISEASE	PCR	BLOOD	1ML	2 - 8 °C	26 HRS	EDTA TUBE
90	BOVINE - A1 / A2 GENOTYPING	PCR	BLOOD	1ML	2 - 8 °C	27 HRS	EDTA TUBE

MICROBIOLOGY

91	BACTERIAL CULTURE	CULTURE	SWAB, BLOOD, FLUID	1ML	2 - 8 °C	3-4 DAYS	SEND IN SPECIFIC CONTAINER
92	BACTERIAL CULTURE & ABST	CULTURE	SWAB, BLOOD, FLUID	1ML	2 - 8 °C	4-5 DAYS	SEND IN SPECIFIC CONTAINER

93	BACTERIAL CULTURE & ABST (Anaerobic Bateria)	CULTURE	SWAB, BLOOD, FLUID	1ML	2 - 8 °C	4-5 DAYS	SEND IN SPECIFIC CONTAINER
94	FUNGAL CULTURE & AFST	CULTURE	SWAB, BLOOD, FLUID	1ML	2 - 8 °C	7-8 DAYS	SEND IN SPECIFIC CONTAINER

HISTOPATHOLOGY

95	SOFT TISSUE	PATHOLOGY	TISSUE		4 - 8 °C	15-20 DAYS	SEND IN SPECIFIC CONTAINER WITH FORMALIN
96	HARD TISSUE	PATHOLOGY	TISSUE		4 - 8 °C	15-20 DAYS	SEND IN SPECIFIC CONTAINER WITH FORMALIN