

**Complete List of Veterinary and Food Tests in  
Pasteur Laboratory**

<b>A- Food &amp; Feed Analysis</b>
1- Crude Protein(CP)
2- Digestible Protein(DP)
3- Ether Extract(EE)
4- Moisture(MOIS)
5- Dry Mater(DM)
6- Qualitative Urea(QLU)
7- Quantitative Urea(QNU)
8- Ash(ASH)
9- Total Volatile Nitrogen(TVN)
10- Crude Fiber(CF)
11- Neutral Detergent Fiber(NDF)
12- Acid Detergent Fiber(ADF)
13- Calcium(Ca)
14- Phosphorus(P)
15- Natrium(Na)
16- Magnesium(Mg)
17- Available Phosphorus
18- Copper(Cu)
19- Zinc(Zn)
20- Manganes(Mn)
21- Fluorine(F)
22- Nacl
23- Peroxid(POX)
24- Extracted Peroxide
25- Gross Energy
26- Carbohydrate
27- Zeolyte detection in fish meal
28- Ocratoxin
29- Aflatoxin
30- Histamin
31- Zearalenon
32- Patulin
33- T2 Toxin(T2)
34- Deoxynivalenol(DON)
35- Methabisulfit

<b>B- Blood Biochemistry &amp; Hormones</b>
1- Cell Blood Count(CBC)

2- Packed Cell Volume(PCV)
3- Haemoglobin(Hb)
4- Total Protein(FBS)
5- Albumin
6- Globulin
7- Fibrinogen
8- Cholesterol
9- Triglyceride
10- Blood Urea Nitrogen
11- Urea
12- Uric Acid
13- Creatinine
14- Creatinine Kinase(CK)
15- Creatinine Phosphokinase(CPK)
16- So3
17- Amonia
18- Calcium(Ca)
19- Phosphorus(P)
20- Natrium(Na)
21- Chloride(Cl)
22- Magnesium(Mg)
23- Potassium(K)
24- Iron(Fe)
25- Copper (Cu)
26- Zinc(Zn)
27- pH
28- Bilirubin
29- Glutamic Oxalacetic Transaminase(GOT), ( OT), (AST)
30- Glutamate Pyruvic Transaminase(GPT), (PT), (ALT)
31- Gamma Glutamyl Transferase(GGT)
32- Alkaline Phosphatase(ALP)
33- T 3
34- T 4
35- Thyroid Stimulating Hormone(TSH)
36- Progesterone
37- Estrogen
38- LDH
39- Lipase
40- Amylase

**C- Large Animal Disease Blood Test**

1- Bovine Leucosis Virus(BLV)

2- Infectious Bovine Rhinotracheitis(IBR)
3- Bovin Viral Diarrhoea Virus(BVD-Ab)
4- Pestivirus-Ag(BVD-Ag)
5- Neospora Caninum(NEOS)
6- Paratuberculosis(PARA/TB)
7- Chlamydia(CLAME)
8- Leptospira(LEPTO)
9- Salmonella(SALMO)
10- Blue Tongue

#### **D- Poultry Diseases Blood Test**

1- Newcastle Disease Virus(ND)
2- Avian Influenza Virus(AI)
3- Mycoplasma galisepticum(MG)
4- Mycoplasma synoviae(MS)
5- Mycoplasma meleagridis(MM)
6- Pasteurella Multocida(PM)
7- Ornithobacterium Rhinotracheal(ORT)
8- Avian Pneumo Virus(APV)
9- Avian Leukosis Virus(ALV)
10- Avian Leukosis J(ALJ)
11- Avian Reovirus(REO)
12- Chicken Anemia Virus(CAV)
13- Infectious Bronchitis Virus(IBV)
14- Infectious Bursal Disease(IBD)
15- Avian Encephalomyelitis(AE)
16- Egg Drop Syndrome(EDS)
17- Laryngotracheitis(ILT)

#### **E- Microbiological Test For Water**

1- Total Heterotroph count
2- Total Coliform Count
3- Fecal Coliform Count
4- Fecal Streptococcus Count
5- Salmonella
6- Legionela

#### **F- Water Analysis**

1- Nacl
2- Color
3- Taste & Odor
4- Electrical conductivity(E.C)

5- Turbidity
6- Total Suspended Solid(TSS)
7- Total Dissolved Solid 18°C (TDS)
8- Alkalinity to phenolphthalein
9- Total Alkalinity
10- Total hardness(TH)
11- Sodium(Na)
12- Potassium(K)
13- Free chloride(F Cl)
14- Chloride(Cl)
15- Sulphate(So4)
16- Ammonia(NH3)
17- Nitrate(No3)
18- Nitrite(No2)
19- Silica
20- Phosphate(Po4)
21- Chromium(Cr)
22- Cobalt(C o)
23- Cadmium(Cd)
24- Copper(Cu)
25- Nickel(Ni)
26- Aluminium(Al)
27- Zinc(Zn)
28- Selenium(Se)
29- Cyanide(CN)
30- Barium(Ba)
31- Tin(Sn)
32- Arsenic(As)
33- Manganese(Mn)
34- Iron(Fe)
35- Lead(Pb)
36- Surfactants (Dtergents) MBAS
37- DO (Dissolved oxygen)
38- BOD(Biological Oxygen Demand)
39- COD(Chemical Oxygen Demand)

<b>G- Bacterial &amp; Fungi Test</b>	
1- Bacterial Cultur	
2- Anaerobic	
3- Brucella	
4- Listeria	
5- Campylobacter	

6- Arcanobacterium
7- Ornitho bacterium Rhinotrache
8- Salmonella Typing
9- Pasteurella
10- Munnheimia
11- Haemophilus
12- Clostridia
13- Shigella
14 Mycoplasma
15- Staphylococcus
16- Streptococcus
17-Corynebacterium
18- Lactobacillus
19- Clostridium
20- Bacillus
21- Neisseria
22- Moraxella
23- Pseudomonas
24- Vibrio
25- Aeromonas
26- Citrobacter
27- Enterobacter
28- Escherichia coli
29- Klebsiella
30- Proteus
31- Salmonella
32- Shigella
33- Aspergillus flavus
34- Aspergillus fumigatus
35- Aspergillus niger
36- Penicillium
37- Fusarium
38- Rhizopus
39- Cryptococcus neoformans
40- Mucor
41- Trichophyton mentagrophytes
42- Candida albicans

<b>H- Milk Test</b>
1- Total count
2- Test Antibiotic Sensitivity
3- Milk Fat

4- Mycoplasma Culture
5- Antibiotic Residue in Milk
6- Listeria
7- Total III steps
8- Total Bacterial count
9- Alcohol Test
10- Ring Test
11- Milk Urea Nitrogen(MUN)
12- Crude Protein
13- Chegali
14- Milk Aflatoxin(M1)

### **I- Small Animal Diseases Blood Test**

1- Canine Parvo Virus(CPV)
2- Canine Distemper Virus(CDV)
3- Dirofilaria Immitis(DI)
4- Feline Leukemia Virus(FLV)
5- Feline Panleukopenia Virus(FPV)

### **J- Blood Parasites**

1- Babesia
2- Theileria
3- Anaplasma
4- Ehrlichia
5- Spirochaeta

### **K- Stool Parasites**

1- Cestodes
2- Trematodes
3- Nematodes
4- Parasitic ova
5- Coccidia
6- Cryptosporidium

### **L- Ectoparasites**

1- Flea
2- Lice
3- Mite
4- Tick

### **M- Fish & shrimps Tests**

1- Protein
2- Ether Extract
3- Ash
4- Calcium
5- Phosphorus
6- Total Volatile Nitroge(TVN)
7- Peroxid
8- Aflatoxin
9- Histamin
10- Carbohydrate
11- Trimethylamine(TMA)
12- Selenium
13- Methabisulfit
14- Vibrio
15- Aeromonas
16- Streptococcus
17- Yersinia
18- Edwardsiella
19- Salmonell
20- Pseudomonas
21- Saprolegnia
22- Viral Haemorrhagic Septicaemia(VHS)
23- Spring Viraemia of Carps(SVC)
24- Ichthyophthirius of Carp(White Spot)
25- Infectious Pancreatic Necrosis(IPN)
26- Infectious Haematopoietic Necrosis(IHN)
27- Black Spot
28- Yellow Head Disease
29- Parasitology Tests
30- Water Analysis

**N- Heavy Metals**

**O- Histopathological Tests**

**P- Other Tests**

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|--|
| 1- Mycobacterium paratuberculosis detection tests on animal stool  |
| 2- Activity evaluation of powder and liquid disinfectants on microorganisms caused contamination on food industries and animal husbandry |
| 3- Disinfectant residual evaluation on food plants   |
| 4- Hygienic and microbial investigation of restaurant and food manufacturing companies considering HACCP                                 |

5- Investigation of toxins and heavy metals in running and back water in respect to environment

6- Investigation of sheep guts for bacterial contamination

7- Investigation of sheep & goat wool for *Bacillus anthracis* for export purposes

8- Investigation of meat original in food such as sausages

9- Microbial culture supply for food manufacturing companies and hatching plants to take samples

10- Microbial tests on litter in poultry farms

11- Sampling by expert people

12- Nuts microbial tests

13- Spices chemical & microbial tests

14- Juices and ciders, juices & concentrates microbial investigations