



NUTRITION

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
1	Raw Material	Proximate Analysis ¹	NIRS	250 gm	01 Sample	1,500.00
2	Raw Material & Feed	Proximate Analysis ²	Wet Chemistry	250 gm	01 Sample	1,800.00
3	Raw Material & Feed	Moisture	Oven drying	250 gm	01 Sample	150.00
4	Raw Material & Feed	Total Ash	Dry Ash MF	250 gm	01 Sample	200.00
5	Raw Material & Feed	SS/AIA	Dry Ash Filtration	250 gm	01 Sample	200.00
6	Raw Material & Feed	Crude Protein	Kjeldahl	250 gm	01 Sample	500.00
7	Raw Material & Feed	Crude Fat/EE	Soxtherm	250 gm	01 Sample	300.00
8	Raw Material & Feed	Crude Fibre	Acid alkali extraction	250 gm	01 Sample	400.00
9	Raw Material & Feed	Calcium	Titration	250 gm	01 Sample	400.00
10	Raw Material & Feed	Total Phosphorous	Photocolorimetric	250 gm	01 Sample	400.00
11	Raw Material & Feed	Salt	Mohr's titration method	250 gm	01 Sample	400.00
12	Oil	Peroxide Value	Titration	250 ml	01 Sample	350.00
13	Oil	Rancidity	Qualitative	250 ml	01 Sample	350.00
14	Oil	Free Fatty Acid	Titrimetric (Oleic Acid)	250 ml	01 Sample	300.00
15	Rice polish / Raw Rice Bran	Free Fatty Acid	Titrimetric (Oleic Acid)	250 ml	01 Sample	300.00
16	Raw Material	PSI/KOH Solubility	Kjeldahl	250 gm	01 Sample	500.00
17	Raw Material	Urease Activity	pH method	250 gm	01 Sample	250.00
18	Raw Material	Non-Protein Nitrogen	Kjeldahl	250 gm	01 Sample	500.00
19	Raw Material	Pepsin Digestibility	Kjeldahl	250 gm	01 Sample	500.00
20	Fish Meal, MBM	Total Volatile Base Nitrogen (TVBN)	Kjeldahl	250 gm	01 Sample	500.00
21	Raw Material	Presence of Thirum	Qualitative	250 gm	01 Sample	200.00
22	Raw Material	Non-Protein Nitrogen	Qualitative	250 gm	01 Sample	200.00
23	Raw Material	Presence of Leather Meal	Qualitative	250 gm	01 Sample	200.00
24	Raw Material	Presence of Plant CP	Qualitative	250 gm	01 Sample	200.00
25	Raw Material	Urea Adulteration	Qualitative	250 gm	01 Sample	200.00
26	Raw Material	Presence of Hulls / Husks	Qualitative	250 gm	01 Sample	200.00
27	Raw Material	Presence of Hair & Wool	Qualitative	250 gm	01 Sample	200.00
28	Raw Material	Presence of Hoof & Horn	Qualitative	250 gm	01 Sample	200.00
29	Raw Material	Presence of Mahua	Qualitative	250 gm	01 Sample	200.00
30	Raw Material	Presence of Tanin	Qualitative	250 gm	01 Sample	200.00
31	Raw Material	Presence of Calcite	Qualitative	250 gm	01 Sample	250.00
32	Raw Material	Decomposition	Qualitative	250 gm	01 Sample	200.00
33	Raw Material & Feed	pH	Quantitative	250 gm	01 Sample	150.00
34	Water	pH, TDS, Total hardness as Calcium carbonate	Quantitative	500 ml	01 Sample	1050.00

Proximate Analysis1: Moisture, Total Ash, SS/AIA, Crude Protein, Crude Fat/EE, Crude Fibre, Calcium, Total Phosphorous, Amino Acid Profile, Fatty Acid Profile, Starch & Sugar, Energy Profile

Proximate Analysis2: Moisture, Total Ash, SS/AIA, Crude Protein, Crude Fat/EE, Crude Fibre.



**DSIR Recognized
In-house R&D unit**

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BIOCHEMISTRY

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
1	Blood Serum	Liver Function Test ¹	Photometry	0.5 ml	01 Sample	1000.00
2	Blood Serum	Kidney Function Test ²	Photometry	0.5 ml	01 Sample	650.00
3	Blood Serum	Lipid Profile ³	Photometry	0.5 ml	01 Sample	1250.00
4	Blood Serum	Tri Glyceride	Photometry	0.5 ml	01 Sample	350.00
5	Blood Serum	Total Cholesterol	Photometry	0.5 ml	01 Sample	300.00
6	Blood Serum	HDL/LDL	Photometry	0.5 ml	01 Sample	350.00
7	Blood Plasma	Glucose (Random)	Photometry	0.5 ml	01 Sample	150.00
8	Blood Serum	Alkaline Phosphatase	Photometry	0.5 ml	01 Sample	250.00
9	Blood Serum	Bilirubin	Photometry	0.5 ml	01 Sample	200.00
10	Blood Serum	Albumin	Photometry	0.5 ml	01 Sample	200.00
11	Blood Serum	Total Protein	Photometry	0.5 ml	01 Sample	200.00
12	Blood Serum	SGOT (AST)	Photometry	0.5 ml	01 Sample	250.00
13	Blood Serum	SGPT (ALT)	Photometry	0.5 ml	01 Sample	250.00
14	Blood Serum	Carbon Di-oxide	Photometry	0.5 ml	01 Sample	200.00
15	Blood Serum	Calcium (Arsenazo)	Photometry	0.5 ml	01 Sample	300.00
16	Blood Serum	Phosphorous	Photometry	0.5 ml	01 Sample	300.00
17	Blood Serum	Gamma Glutamyl Transferase	Photometry	0.5 ml	01 Sample	500.00
18	Blood Serum	Urea/BUN	Photometry	0.5 ml	01 Sample	200.00
19	Blood Serum	Creatinine	Photometry	0.5 ml	01 Sample	200.00
20	Blood Serum	Uric acid	Photometry	0.5 ml	01 Sample	300.00

Liver Function Test1: ALT, AST, Bilirubin, ALP, TP | Kidney Function Test2: Creatinine, Urea/BUN, Uric Acid | Lipid Profile3: Total Cholesterol, HDL, LDL, Triglyceride



MICROBIOLOGY & SEROLOGY

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
1	Blood Serum	Avian Encephalomyelitis (AE)	Titre assay - ELISA	0.5 ml	20 Samples	NA
2	Blood Serum	Avian Leucosis Complex (ALC)	Titre assay - ELISA	0.5 ml	20 Samples	NA
3	Blood Serum	Avian Pnemo Virus (APV)	Titre assay - ELISA	0.5 ml	20 Samples	5,000.00
4	Blood Serum	Chicken Infectious Anemia Virus (CIA)	Titre assay - ELISA	0.5 ml	20 Samples	4,500.00
5	Blood Serum	Egg Drop Syndrome/ Adeno Virus (EDS)	Titre assay - ELISA	0.5 ml	20 Samples	NA
6	Blood Serum	Infectious Bursal Disease (IBD)	Titre assay - ELISA	0.5 ml	20 Samples	3,500.00
7	Blood Serum	Infectious Bursal Disease-VP2 (IBD-VP2)	Titre assay - ELISA	0.5 ml	20 Samples	4,200.00
8	Blood Serum	Infectious Bursal Disease-XR (IBD-XR)	Titre assay - ELISA	0.5 ml	20 Samples	3,500.00
9	Blood Serum	Newcastle Disease (ND)/Ranikhet Disease (RD)	Titre assay - ELISA	0.5 ml	20 Samples	3,500.00
10	Blood Serum	Newcastle Disease -Fusion protein (ND-F)	Titre assay - ELISA	0.5 ml	20 Samples	4,200.00
11	Blood Serum	<i>Salmonella</i>	Titre assay - ELISA	0.5 ml	20 Samples	NA
12	Blood Serum	Infectious Bronchitis (IB/ IBV)	Titre assay - ELISA	0.5 ml	20 Samples	3,500.00
13	Blood Serum	<i>Mycoplasma gallisepticum</i> (MG)	Titre assay - ELISA	0.5 ml	20 Samples	4,500.00
14	Blood Serum	<i>Mycoplasma synoviae</i> (MS)	Titre assay - ELISA	0.5 ml	20 Samples	4,500.00
15	Blood Serum	Infectious Laryngotracheitis (ILT)	Titre assay - ELISA	0.5 ml	20 Samples	NA
16	Blood Serum	REO Virus	Titre assay - ELISA	0.5 ml	20 Samples	4,500.00
17	Blood Serum	<i>Mycoplasma gallisepticum</i> (MG)	Rapid Plate test	0.5 ml	20 Samples	NA
18	Blood Serum	<i>Mycoplasma synoviae</i> (MS)	Rapid Plate test	0.5 ml	20 Samples	NA
19	Blood Serum	<i>Salmonella pullorum</i>	Rapid Plate test	0.5 ml	50 Samples	NA
20	Biological sample	Antibiotic Sensitivity Test (6 antibiotics)	Plate test	Contact us	Contact us	1,500.00
21	RM, Feed, Water, Meat, Egg	Organism culture: <i>Salmonella sp</i>	Qualitative/Quantitative	Contact us	Contact us	700.00
22	RM, Feed, Water, Meat, Egg	Organism culture: <i>Escherichia coli</i>	Quantitative	Contact us	Contact us	600.00
23	RM, Feed, Water, Meat, Egg	Organism culture: Total Coliform	Quantitative	Contact us	Contact us	400.00
25	RM, Feed, Water, Meat, Egg	Organism culture: Total bacterial count	Quantitative	Contact us	Contact us	400.00
26	RM, Feed, Water, Meat, Egg	Organism culture: Total <i>Clostridium sp</i>	Quantitative	Contact us	Contact us	800.00
27	RM, Feed, Water, Meat, Egg	Organism culture: Total Mold count	Quantitative	Contact us	Contact us	400.00
28	RM, Feed, Water, Meat, Egg	Total Enterobacteriaceae	Quantitative	Contact us	Contact us	700.00
29	Poultry egg, Marine sample	Organism culture: <i>Pseudomonas sp</i>	Qualitative	Contact us	Contact us	700.00
30	Marine sample	Organism culture: <i>Aeromonas sp</i>	Qualitative	Contact us	Contact us	700.00
31	Feed	Complete Feed Microbiology & Hygiene ¹	Quantitative	Contact us	Contact us	2,500.00
32	Water	Complete Water Microbiology & Hygiene ²	Quantitative	Contact us	Contact us	1,500.00
33	Day old Chicks	Chick Culture Test	Quantitative	4 Chicks	4 Chicks	2,000.00

Complete Feed Microbiology & Hygiene1: *Escherichia coli*, *Salmonella sp*, *Clostridium sp*, Total Mold count, Total bacterial count. Complete Water Microbiology & Hygiene2: *Escherichia coli*, *Salmonella sp*, Total Coliform



BIOTECHNOLOGY

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
1	Raw Material & Feed	Basic Toxin Profile ¹	Quantitative LFIA Technique	250 gm	01 Sample	5,500.00
2	Raw Material & Feed	Advanced Toxin Profile ²	Quantitative LFIA Technique	250 gm	01 Sample	8,500.00
3	Raw Material & Feed	Afla toxin	Quantitative LFIA Technique	250 gm	01 Sample	1,500.00
4	Raw Material & Feed	Ochra toxin	Quantitative LFIA Technique	250 gm	01 Sample	1,500.00
5	Raw Material & Feed	T2 Toxin	Quantitative LFIA Technique	250 gm	01 Sample	1,500.00
6	Raw Material & Feed	Zearalenone	Quantitative LFIA Technique	250 gm	01 Sample	1,500.00
7	Raw Material & Feed	Deoxynivalenol	Quantitative LFIA Technique	250 gm	01 Sample	1,500.00
8	Raw Material & Feed	Fumonisin	Quantitative LFIA Technique	250 gm	01 Sample	1,500.00

Basic Toxin Profile1: Afla, Ochra, T2, Fumonisin | Advanced Toxin Profile2: Afla, Ochra, T2, Fumonisin, Zearalenone, DON

FEED TECHNOLOGY

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum no of sample	Charges (INR)
1	Pelleted Feed	Pellet Durability Index	Holmen PDI Testers	1000 gm	01 Sample	500.00
2	Pelleted Feed	Pellet Hardness	KAHL Pellet Hardness Tester	1000 gm	01 Sample	500.00
3	Pelleted Feed	Residual Fine & Texture Profiling	Automatic Sieving	1000 gm	01 Sample	500.00
4	Pelleted Feed	Pellet Dissociation	Mechanical	1000 gm	01 Sample	750.00
5	Feed / Premix	Mixing Uniformity	Salt test method	1000 gm	10 x 100 gm Sample	1,250.00
6	Feed / Premix	Mixing Uniformity for 1-ton batch	Micro Tracer F testing	1000 gm	10 x 100 gm Sample	1500.00
7	Feed / Premix	Mixing Uniformity for 2-ton batch	Micro Tracer F testing	1000 gm	10 x 100 gm Sample	2500.00

PATHOLOGY & PARASITOLOGY

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
1	Faecal sample	Faeces examination ¹	Microscopic	50 gm	01 Sample	300.00
2	Dead Birds	Post-mortem examination - Poultry	Macroscopic	Contact us	Contact us	250.00
3	Mounted slide	Microscopic analysis ² – each slide	Microscopic	Contact us	Contact us	500.00
4	Intestinal tissue / Internal organs	Histomorphometry study – each slide	Microscopic	Contact us	Contact us	1,800.00
5	Intestinal tissue / Internal organs	Histopathology Study + interpretation	Microscopic	Contact us	Contact us	1,800.00

Faeces examination1: For Coccidia oocyst count | Microscopic analysis2: Haematology, Protozoology, Microbiology



MOLECULAR BIOLOGY - MOLECULAR DIAGNOSIS OF POULTRY DISEASES

Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
1	Tissue / Swab / FTA Card ¹	ND/RD (Newcastle Disease Virus/Ranikhet Disease)	Real Time-PCR test	500 mg	01 Sample	3,500.00
2	Tissue / Swab / FTA Card ¹	IB (Infectious Bronchitis Virus)	Real Time-PCR test	500 mg	01 Sample	3,500.00
3	Tissue / Swab / FTA Card ¹	AmPV/APV (Avian Pneumo Virus)	Real Time-PCR test	500 mg	01 Sample	3,500.00
4	Tissue / Swab / FTA Card ¹	ILT/AIL (Avian Infectious Laryngotracheitis)	Real Time-PCR test	500 mg	01 Sample	2500.00
5	Tissue / Swab / FTA Card ¹	HPAI/LPAI (New Castle Disease Variant)	Real Time-PCR test	500 mg	01 Sample	3,500.00
6	Tissue / Swab / FTA Card ¹	ANV (Avian Nephritis Virus)	Real Time-PCR test	500 mg	01 Sample	3,500.00
7	Tissue / Swab / FTA Card ¹	IBD/Gamboro (Infectious Bursal Disease Virus)	Real Time-PCR test	500 mg	01 Sample	3,500.00
8	Tissue / Swab / FTA Card ¹	MG (<i>Mycoplasma gallisepticum</i>)	Real Time-PCR test	500 mg	01 Sample	2,500.00
9	Tissue / Swab / FTA Card ¹	MS (<i>Mycoplasma synoviae</i>)	Real Time-PCR test	500 mg	01 Sample	2,500.00
10	Tissue / Swab / FTA Card ¹	IBH (Inclusion Body Hepatitis)	Real Time-PCR test	500 mg	01 Sample	2,500.00
11	Tissue / Swab / FTA Card ¹	MD (Marek's Disease)	Real Time-PCR test	500 mg	01 Sample	2,500.00
12	Tissue / Swab / FTA Card ¹	CAV/CIA (Chicken Anemia Virus)	Real Time-PCR test	500 mg	01 Sample	2,500.00
13	Tissue / Swab / FTA Card ¹	REV (Reticuloendotheliosis Virus)	Real Time-PCR test	500 mg	01 Sample	3,500.00
14	Tissue / Swab / FTA Card ¹	FC (Fowl Cholera)	Real Time-PCR test	500 mg	01 Sample	2,500.00
15	Tissue / Swab / FTA Card ¹	Staphylococcus	Real Time-PCR test	500 mg	01 Sample	2,500.00
16	Tissue / Swab / FTA Card ¹	IC (Infectious Coryza)	Real Time-PCR test	500 mg	01 Sample	2,500.00
17	Tissue / Swab / FTA Card ¹	ORT (Ornitho Bacterium Rhinotracheale)	Real Time-PCR test	500 mg	01 Sample	2,500.00
18	Tissue / Swab / FTA Card ¹	EDS (Egg Drop Syndrome)	Real Time-PCR test	500 mg	01 Sample	2,500.00
19	Tissue / Swab / FTA Card ¹	ALV (Avian Leucosis Virus – A to E)	Real Time-PCR test	500 mg	01 Sample	3,500.00
20	Tissue / Swab / FTA Card ¹	FP (Fowl Pox)	Real Time-PCR test	500 mg	01 Sample	2,500.00
21	Tissue / Swab / FTA Card ¹	rHVT-IBD (rHVT Infectious Bursal Disease)	Real Time-PCR test	500 mg	01 Sample	3,500.00
22	Tissue / Swab / FTA Card ¹	rHVT-ND (rHVT New castle disease)	Real Time-PCR test	500 mg	01 Sample	3,500.00
23	Tissue / Swab / FTA Card ¹	Avian Reovirus	Real Time-PCR test	500 mg	01 Sample	3,500.00
24	Tissue / Swab / FTA Card ¹	AE (Avian Encephalomyelitis Virus)	Real Time-PCR test	500 mg	01 Sample	3,500.00
25	Tissue / Swab / FTA Card ¹	Astrovirus	Real Time-PCR test	500 mg	01 Sample	3,500.00
26	Tissue / Swab / FTA Card ¹	<i>Salmonella (InvA)</i>	Real Time-PCR test	500 mg	01 Sample	2,500.00
27	Tissue / Swab / FTA Card ¹	ND/RD (Newcastle Disease Virus/Ranikhet Disease)	Regular PCR test	500 mg	01 Sample	1,500.00
28	Tissue / Swab / FTA Card ¹	IB (Infectious Bronchitis Virus)	Regular PCR test	500 mg	01 Sample	1,500.00
29	Tissue / Swab / FTA Card ¹	AmPV/APV (Avian Pneumo Virus)	Regular PCR test	500 mg	01 Sample	1,500.00

¹Sample extraction and isolation charges from FTA Card: Rs. 500.00 per sample. Add on serotype from same sample: Regular PCR 750.00 & Realtime PCR 1000.00 each after the first serotype.



Sl	Sample	Parameter	Process	Minimum Qty of sample	Minimum No of sample	Charges (INR)
30	Tissue / Swab / FTA Card ¹	ILT/AIL (Avian Infectious Laryngotracheitis)	Regular PCR test	500 mg	01 Sample	1,500.00
31	Tissue / Swab / FTA Card ¹	HPAI/LPAI (New Castle Disease Variant)	Regular PCR test	500 mg	01 Sample	1,500.00
32	Tissue / Swab / FTA Card ¹	ANV (Avian Nephritis Virus)	Regular PCR test	500 mg	01 Sample	1,500.00
33	Tissue / Swab / FTA Card ¹	IBD (Infectious Bursal Disease Virus)	Regular PCR test	500 mg	01 Sample	1,500.00
34	Tissue / Swab / FTA Card ¹	MG (<i>Mycoplasma gallisepticum</i>)	Regular PCR test	500 mg	01 Sample	1,500.00
35	Tissue / Swab / FTA Card ¹	MS (<i>Mycoplasma synoviae</i>)	Regular PCR test	500 mg	01 Sample	1,500.00
36	Tissue / Swab / FTA Card ¹	IBH (Inclusion Body Hepatitis)	Regular PCR test	500 mg	01 Sample	1,500.00
37	Tissue / Swab / FTA Card ¹	MD (Marek's Disease)	Regular PCR test	500 mg	01 Sample	1,500.00
38	Tissue / Swab / FTA Card ¹	CAV (Chicken Anemia Virus)	Regular PCR test	500 mg	01 Sample	1,500.00
39	Tissue / Swab / FTA Card ¹	REV (Reticuloendotheliosis Virus)	Regular PCR test	500 mg	01 Sample	1,500.00
40	Tissue / Swab / FTA Card ¹	FC (Fowl Cholera)	Regular PCR test	500 mg	01 Sample	1,500.00
41	Tissue / Swab / FTA Card ¹	Staphylococcus	Regular PCR test	500 mg	01 Sample	1,500.00
42	Tissue / Swab / FTA Card ¹	IC (Infectious Coryza)	Regular PCR test	500 mg	01 Sample	1,500.00
43	Tissue / Swab / FTA Card ¹	ORT (Ornitho Bacterium Rhinotracheal)	Regular PCR test	500 mg	01 Sample	1,500.00
44	Tissue / Swab / FTA Card ¹	EDS (Egg Drop Syndrome)	Regular PCR test	500 mg	01 Sample	1,500.00
45	Tissue / Swab / FTA Card ¹	ALV -A (Avian Leucosis Virus – A to E)	Regular PCR test	500 mg	01 Sample	1,500.00
46	Tissue / Swab / FTA Card ¹	FP (Fowl Pox)	Regular PCR test	500 mg	01 Sample	1,500.00
47	Tissue / Swab / FTA Card ¹	rHVT-IBD (rHVT Infectious Bursal Disease)	Regular PCR test	500 mg	01 Sample	1,500.00
48	Tissue / Swab / FTA Card ¹	rHVT-ND (rHVT New castle disease)	Regular PCR test	500 mg	01 Sample	1,500.00
49	Tissue / Swab / FTA Card ¹	Avian Reovirus	Regular PCR test	500 mg	01 Sample	1,500.00
50	Tissue / Swab / FTA Card ¹	AE (Avian Encephalomyelitis Virus)	Regular PCR test	500 mg	01 Sample	1,500.00
51	Tissue / Swab / FTA Card ¹	Astrovirus	Regular PCR test	500 mg	01 Sample	1,500.00
52	Tissue / Swab / FTA Card ¹	Salmonella (InvA)	Regular PCR test	500 mg	01 Sample	1,500.00

SEQUENCING

Sl	Sample	Parameter	Method	Minimum Qty of sample	Process	Charges (INR)
1	PCR product from biological samples	Nucleotide sequencing	Sanger sequencing	50 ul	01 Sample	3,000.00



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HYGIENE MANAGEMENT PACKAGES

Sl	Sample	Parameter	Process	Charges (INR)
1	Hatchery Hygiene Management Package	Including all consumables, onsite manpower and laboratory analysis (approximate number of tests 100)	Microbial plate count	35,000.00
2	Farm/Shed Hygiene Management Package	Including all consumables, onsite manpower and laboratory analysis (approximate number of tests 50)	Microbial plate count	25,000.00
3	Feed Mill Hygiene Management Package	Including all consumables, onsite manpower and laboratory analysis (approximate number of tests 50)	Microbial plate count	25,000.00

Traveling expenditure towards travel onward and return from our laboratory to the respective site shall be charged additionally.

MOLECULAR BIOLOGY - GENERAL MOLECULAR BIOLOGY ANALYTICAL SERVICES

Sl	Services	Sample requirements	Descriptions	Deliverables	Price
1	DNA isolation of plant, animal, microbes, soil and blood	5ml EDTA blood, 500mg of tissue, pure culture on slant/ plate/ broth	gDNA isolation and agarose gel QC report	2-5 µg of high mol. wt. gDNA in TE buffer/ nuclease free water	Enquire
2	gDNA to amplicon up to 2 kb (Price will be based on number of amplicon)	gDNA – vol. 20µl @ 50ng/ µl	PCR product generation up to 2 kb from gDNA/ mtDNA	Amplicon sizing report	Enquire
3	Tissue to amplicon up to 2 kb	500-1000mg of tissue	gDNA isolation, Amplification and agarose gel QC report	Amplicon sizing report	Enquire
4	Culture to amplicon up to 2 kb	Stab/ Glycerol stock	Culture enrichment/ gDNA isolation, PCR product generation upto 2 Kb	Amplicon sizing report	Enquire
5	Microsatellite Genotyping (1 marker & 24 samples)	Tissue 500mg, blood 5 ml	gDNA isolation, Amplicon generation, profiling of the amplicon on Agarose gel	compiled report	Enquire
6	Microsatellite Genotyping (1 marker & 48 samples)	Tissue 500mg, blood 5 ml	gDNA isolation, Amplicon generation, profiling of the amplicon on Agarose gel	compiled report	Enquire
7	Microsatellite Genotyping (1 marker & 96 samples)	Tissue 500mg, blood 5 ml	gDNA isolation, Amplicon generation, profiling of the amplicon on Agarose gel	compiled report	Enquire
8	Microsatellite Genotyping (2 marker & 24 samples)	Tissue 500mg, blood 5 ml	gDNA isolation, Amplicon generation, profiling of the amplicon on Agarose gel	compiled report	Enquire
9	Microsatellite Genotyping (2 marker & 48 samples)	Tissue 500mg, blood 5 ml	gDNA isolation, Amplicon generation, profiling of the amplicon on Agarose gel	compiled report	Enquire
10	SYBR TM Green qRT-PCR (2 genes, 4 samples)	Pure Culture on slants/ plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
11	SYBR TM Green qRT-PCR (2 genes, 8 samples)	Pure Culture on slants/ plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
12	SYBR TM Green qRT-PCR (3 genes, 4 samples)	Pure Culture on slants/ plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
13	SYBR TM Green qRT-PCR (3 genes, 8 samples)	Pure Culture on slants/ plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
14	SYBR TM Green qRT-PCR (4 genes, 4 samples)	Pure Culture on slants/ plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
15	SYBR TM Green qRT-PCR (4 genes, 8 samples)	Pure Culture on slants/ plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire



Sl	Services	Sample requirements	Descriptions	Deliverables	Price
16	SYBR TM Green qRT-PCR (5 genes, 4 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
17	SYBR TM Green qRT-PCR (5 genes, 8 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel, QC, cDNA prep, gene expression analysis	Gene expression compiled report	Enquire
18	TaqMan TM qRT-PCR (2 genes, 4 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
19	TaqMan TM qRT-PCR (2 genes, 8 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
20	TaqMan TM qRT-PCR (3 genes, 4 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
21	TaqMan TM qRT-PCR (3 genes, 8 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
22	TaqMan TM qRT-PCR (4 genes, 4 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
23	TaqMan TM qRT-PCR (4 genes, 8 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
24	TaqMan TM qRT-PCR (5 genes, 4 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
25	TaqMan TM qRT-PCR (5 genes, 8 samples)	Pure Culture on slants/plate/broth, Tissues	Primer Design (optional), RNA isolation, RNA gel QC, cDNA prep, gene expression analysis.	Gene expression compiled report	Enquire
26	GMO testing by CMV 35S	Pure Culture on slants/plate/broth, Tissues	GMO testing by using CMV 35S sequence on RT PCR	Compiled report	Enquire
27	GMO testing by CRY	Pure Culture on slants/plate/broth, Tissues	GMO testing by using CRY sequence on RT PCR	Compiled report	Enquire
28	GMO testing by NOS	Pure Culture on slants/plate/broth, Tissues	GMO testing by using NOS sequence on RT PCR	Compiled report	Enquire
29	Cloning of PCR product up to 2Kb & sequencing	50ng/μl column purified PCR product @ 30μl	Cloning, screening of 10 clone & sequencing for 10 clones up to 2kb	Cloning and sequencing 10 clone data in FASTA format	Enquire
30	Bacteria- Molecular Identification with 16S	Pure Culture on slants/plate/ broth	Culture propagation, bacterial DNA isolation, PCR product generation with 16S primer, bi-directional sanger sequencing with BigDye [®] Terminator v3.1 cycle sequence chemistry	Consensus sequence 1.5 kb, FASTA, .abi file data, Compiled report (Optional)	Enquire
31	Fungi- Molecular Identification with ITS	Pure Culture on slants/plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye [®] Terminator v3.1 cycle sequence chemistry	Consensus sequence 1.5 kb, FASTA, .abi file data. Compiled report (Optional)	Enquire
32	Fungi- Molecular Identification with 28S	Pure Culture on slants/plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye [®] Terminator v3.1 cycle sequence chemistry	Consensus sequence, FASTA, .abi file data. Compiled report (Optional)	Enquire
33	Fungi- Molecular Identification with 18S	Pure Culture on slants/plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with 18S primer, bi-directional sanger sequencing with BigDye [®] Terminator v3.1 cycle sequence chemistry	Consensus sequence, FASTA, .abi file data. Compiled report (Optional)	Enquire

Sl	Services	Sample requirements	Descriptions	Deliverables	Price
34	Plant RAPD barcoding (Price will vary according to number of markers & sample)	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, RAPD primers(optional)	gDNA isolation, RAPD primer synthesis (optional), PCR amplification by RAPD primers and gel profiling of RAPD amplicons	Compiled report	Enquire
35	Poultry gut / faeces microbiome metagenomics study- 16s rRNA gene sequencing- V3-V4	500mg Tissue/faeces	Library preparation, Sequencing, Quality filtration of data, phylogenetic analysis of microbial distribution, Heat Map, abundance and identification of microbialcommunity, taxa identification, Refraction curve and alpha diversity, and beta diversity (PCoA Plot) (if more than 3 samples).	Compiled report	Enquire
36	Poultry gut / faeces microbiome metagenomics study- Whole genome shotgun metagenomics study	500mg Tissue/faeces	Library preparation, Sequencing, Quality filtration of data, phylogenetic analysis of microbial distribution, Heat Map, abundance and identification of microbialcommunity, taxa identification, Refraction curve and alpha diversity, and beta diversity (PCoA Plot) (if more than 3 samples).	Compiled report	Enquire

SPECIAL TESTS

Sl	Sample	Parameter	Method	Minimum Qty of sample	Process	Charges (INR)
1	Egg quality test	Egg albumin height, Haugh unit, Egg shell strength, Egg shell thickness, Yolk colour, Yolk diameter, yolk index	Quantitative	30 fresh eggs/2-3 days old eggs	30 eggs	3,000.00
2	Viscosity test	Intestinal content from chicken/liquid substance	Quantitative	10 gm/50 ml	1 sample	700.00

Sl	Sample	Parameter	Minimum Qty of sample	Process	Charges (INR)
1	Raw Material/Feed/Other	Residual Fine & Texture Profiling-Sieve Analysis	250 gm	Automatic Sieving	500.00
2	Raw Material/Feed/Other	Bulk Density (Tapped)	1000 gm	USP	600.00
3	Raw Material/Feed/Other	Water Soluble Extractive	250 gm	API, Part I, Vol. II	600.00



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