



VETCORR BIOLABS PVT LTD.

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To,

Dear Sir,

Greetings from 'VETCORR BIOLABS PVT LTD'.

Our laboratory is dedicated to providing a wide range of diagnostic and analytical services tailored specifically for **CEBAS (Canine, Equine, Bovine, Avian & Swine)** health management. By integrating multiple testing capabilities under one roof, we streamline the process for veterinarians and livestock producers, ensuring quick results without compromising accuracy or quality.

Comprehensive services include:

- **Pathology and Necropsy:** Identifying diseases affecting livestock through tissue analysis, providing insights for better herd/flock management and preventive care.
- **Microbiology:** Culturing and identifying pathogens responsible for infections, thus enabling targeted treatment strategies.
- **Serology and Immunology:** Assessing immune responses and identifying specific antibodies to ensure herd immunity and manage vaccine efficacy.
- **Nutrition Analysis:** Evaluating feed, pet food and forage samples to optimize dietary plans that meet the nutritional needs of the herd/flocks.
- **Health Monitoring:** Implementing surveillance programs to track disease outbreaks and monitor the health status of herds.
- **Molecular Biology:** Utilizing advanced techniques such as PCR (Polymerase Chain Reaction), ELISA and sequencing to detect pathogens at the molecular level, ensuring rapid and precise identification of disease agents. This approach enhances our ability to diagnose hard-to-detect infections effectively.
- **Vaccin Candidate Characterization:** Characterise vaccine candidates and help farmer - vaccine manufacturers for vaccine development. This personalized approach enables effective disease prevention tailored to the specific needs of the herd/flock.
- **Training / Internship:** Tailored Training for Farmers, Scientists, Veterinarians, and Post-Graduate Students at Our State-of-the-Art Lab!

The synthesis of these services under an all-in-one platform not only enhances the convenience for practitioners but also fosters a more integrated approach to the health management. This holistic framework allows for better data tracking, improved communication between veterinarians and producers, and ultimately, more effective herd/flock health strategies.

| PATHOLOGY (PAT) | | | |
|--|--|--------|---|
| CODE | PATHOLOGY | CODE | |
| PAT 01 | Dead Birds: Post-Mortem Examination | PAT 02 | Preparation of slides |
| PAT 03 | Outside disease investigation – Poultry farm visit | PAT 04 | Biologicals Test involving Rabbit / Guinea Pig / Rat / Mice |
| CHEMICAL ANALYSIS (CHF / CHW) | | | |
| CODE | FEED TESTS | CODE | FEED TESTS |
| CHF 01 | Total ash | CHF 02 | Acid insoluble ash (Sand Silica) |
| CHF 03 | Crude Protein | CHF 04 | F.F.A. |
| CHF 05 | Ether extract (Crude oil) | CHF 06 | Crude Fiber |
| CHF 07 | Salt (NaCl) | CHF 08 | Gross energy |
| CHF 09 | True Protein | CHF 10 | Bulk Density |
| CHF 11 | Urea | CHF 12 | NPN |
| CHF 13 | Chromium | CHF 14 | Rancidity |
| CHF 15 | Pepsin Digestibility | CHF 16 | Melamine (LC-MS/MS Based) |
| CHF 18 | Ochratoxins (LC-MS/MS based) | CHF 17 | Aflatoxin B1 (LC-MS/MS Based) |
| CODE | WATER TESTS | CODE | WATER TESTS |
| CHW 01 | pH, TDS & EC | CHW 02 | Residual Cl ₂ |
| CHW 02 | Total Hardness | CHW 03 | Naturally occurring chemicals CaCl ₂ , Cu, Fe, Pb, Mg, Na, Sulphate, & Zn |
| MICROBIOLOGY (MIA) | | | |
| CODE | MICROBIOLOGY TESTS | CODE | MICROBIOLOGY TESTS |
| MIA 01 | Bacterial Pathogen – isolation | MIA 02 | Bacterial Pathogen – Fastidious bacteria isolation |
| MIA 03 | Bacterial Pathogen - Antibiotic Sensitivity Test (ABST) | MIA 04 | Viral Pathogen - Isolation in SPF Eggs (3-5 passage level) |
| MIA 05 | Water: Coliform Count by MPN | MIA 06 | Water: Total Bacterial Count |
| MIA 07 | Feed: Total Bacterial Count | MIA 08 | Feed: Total Mould Count |
| MIA 09 | Feed: <i>Clostridium perfringens</i> enumeration | MIA 10 | Feed: Screening for Salmonella |
| MIA 11 | Environmental monitoring - Hatchery / Farm / Hospital / Hotels / Vaccine plant / Chicken Processing Unit, etc. | MIA 12 | Autogenous Vaccine: Pathogen isolation and characterisation as a vaccine candidate strain. |
| PARASITOLOGY (PAS) | | | |
| CODE | PARASITOLOGY | CODE | PARASITOLOGY |
| PAR 01 | Macroscopic Examination of Faeces for Parasite Identification | PAR 02 | Enumeration of Oocysts in faeces |
| PAR 03 | Identification of worms and other parasites | PAR 04 | PCR for Parasite species |
| MOLECULAR BIOLOGY (MOP / MOM / MOR /MOD / MOS) | | | |
| CODE | PCR | CODE | PCR |
| MOP 01 | MD PCR | MOP 02 | CAV PCR |
| MOP 03 | REV PCR | MOP 04 | ILT PCR |
| MOP 05 | MG PCR | MOP 06 | MS PCR |
| MOP 07 | Fowl Cholera PCR | MOP 08 | <i>E coli</i> PCR |
| MOP 09 | Salmonella PCR | MOP 10 | Staphylococcus PCR |
| MOP 11 | Coryza PCR | MOP 12 | CRT PCR |
| MOP 13 | IBH PCR | MOP 14 | EDS PCR |
| MOP 15 | ALV-C PCR | MOP 16 | ALV-D PCR |
| MOP 17 | ALV-E PCR | MOP 18 | ALV-A to E PCR |
| MOP 19 | Fowl Pox PCR | MOP 20 | r HVT-IBD |

| | | | |
|-------------------------|---|----------------|---|
| MOP 21 | r HVT- ND | MOP 22 | Spirochetosis PCR |
| CODE | MULTIPLEX PCR | CODE | MULTIPLEX PCR |
| MOM 01 | ALV multiplex PCR (ABJ) | MOM 02 | <i>Enterococcus cecorum</i> PCR |
| MOM 03 | Coryza Multiplex PCR (ABC) | MOM 04 | <i>Enterococcus faecalis</i> PCR |
| MOM 05 | Salmonella Multiplex PCR (SP & SG) | MOM 06 | <i>E.coli</i> (VG)Iss |
| MOM 07 | Salmonella Multiplex (ST & SE) | MOM 08 | <i>E.coli</i> (VG) Film C |
| CODE | REVERSE TRANSCRIPTASE | CODE | REVERSE TRANSCRIPTASE |
| MOR 01 | NDV PCR | MOR 02 | APV PCR |
| MOR 03 | IBV PCR | MOR 04 | ANV PCR |
| MOR 05 | IBDV PCR | MOR 06 | ASTRO virus PCR |
| MOR 07 | REO PCR | MOR 08 | FADV (HPS) |
| MOR 09 | AEV PCR | MOR 10 | FC |
| CODE | DIVA PCR | CODE | DIVA PCR |
| MOD 01 | MG MAMA PCR | MOD 02 | MG RFLP |
| MOD 03 | MS MAMA PCR | MOD 04 | MS RFLP |
| CODE | SEQUENCING | CODE | SEQUENCING |
| MOS 01 | PCR Sequencing & analysis (< 1kb) | MOS 01 | PCR Sequencing & analysis (> 1 kb) |
| SEROLOGY SECTION | | | |
| CODE | HUMORAL ANTIBODY TITERS | CODE | HUMORAL ANTIBODY TITERS |
| SEA 01 | IBD Ab by ELISA | SEA 02 | CAV Ab by ELISA |
| SEA 03 | IBV Ab by ELISA | SEA 04 | ALV Antigen by ELISA |
| SEA 05 | REO Ab by ELISA | SEA 06 | ORT Ab by ELISA |
| SEA 07 | ND Ab by ELISA | SEA 08 | APV Ab by ELISA |
| SEA 09 | AE Ab by ELISA | SEA 10 | IBH Ab by ELISA |
| SEA 11 | MG Ab by ELISA | SEA 12 | Salmonella Gr.D Ab by ELISA |
| SEA 13 | MS Ab by ELISA | SEA 14 | IBH by AGID (Qualitative) |
| SEA 15 | ND Ab by HA-HI | SEA 16 | IB Ab by HA-HI |
| SEA 17 | LPAI Ab by HA-HI | SEA 18 | HPAI Ab by HA-HI |
| SEA 19 | Salmonella by Plate Aggl ⁿ . | SEA 20 | Salmonella by Tube Aggl ⁿ . |
| SEA 21 | Mycoplasma (MG / MS) by Plate Agg ⁿ . | SEA 22 | Mycoplasma (MG / MS) by Tube Agg ⁿ . |
| CODE | SEROTYPING | CODE | ANTIBODY TITERS |
| SES 001 | Salmonella | SES 002 | <i>Pasteurella multocida</i> (Somatic Typing by Heddlestone method) |
| SES 003 | <i>Avibacterium paragallinarum</i> (Page typing scheme) | SES 004 | <i>E.coli</i> |

We look forward to partnering with you to meet your business needs.

FOR, VETCORR BIOLABS PRIVATE LIMITED, PUNE

DR. MANE DV
Director, R&D

DR. PRAKASH GOSAVI
Director, S&M