



Located in Cochin, Kerala State, ubio is one of the leading manufacturer of in vitro diagnostics devices in India. From its inception in the year 2008 as an Assay Development company, ubio has grown up into a full-fledged IVD manufacturer contributing largely to the human and animal health sector. The products are manufactured under ISO 13485 certified Quality Management System, in its state of the art GMP certified manufacturing facility.

ubio's new manufacturing facility commissioned in 2014, has the capacity to manufacture 200000 rapid test devices per day. This fully automated facility consists of CLASS 10000 assembly suits, under <10% RH, Automated coating, Lamination and assembly lines, Fully automated ELISA manufacturing Line, SPCE based Biosensor lines, CLASS 10000 Sterile Buffer filling facility with fully automated vial and bottle filling lines, Biosafety III culture room, cold rooms, fully equipped Quality control laboratory and R&D laboratories for Assay development. Molecular Biologev

AFFORDABLE, ACCURATE, ACCESSIBLE DIAGNOSTICS FOR ALL.



HUMAN DIAGNOSTICS



VETERINARY DIAGNOSTICS



CONTRACT MANUFACTURE

ubio is the right manufacturing partner for you, especially if you need:

- Variable-volume manufacture
- Quick introduction of new product into the market without initial capital investment
- Protection for your investment against market fluctuations, obsolescence, and competition
- Quick scale-up to peak demand without capital investment

CONTRACT ASSAY DEVELOPMENT

- Low Turnaround time
- Validated Technology platforms, Product development using technologies already commercialised by ubio.
- Stable Products and flexibility in optimisation.
- Clinical validation in actual samples.
- 100% confidentiality.
- Scaling up and pilot manufacturing facility
- Option for further contract manufacture
- Full Technology Transfer
- Continuous support from ubio Team



Product List 2018

Distributed By:



Sales and other business enquiries : +91-9744122269
 Support on orders, shipments and billing : +91-9562207770
 Contract Assay Development : +91 9744122269

**HUMAN and ANIMAL
HEALTH DIAGNOSTICS**



UBIO BIOTECHNOLOGY SYSTEMS PVT LTD
 #15A, BIOTECHNOLOGY ZONE, KINFRA HITECH PARK,
 KALAMASSERY, COCHIN, KERALA, INDIA-683503
 WEB: WWW.UBIO.IN
 EMAIL: contact@ubio.in | PH +91 484 2970043

LIVESTOCK DIAGNOSTICS

BRUCELLA

Antibody Rapid Test to detect Brucella abortus and melitensis antibodies in bovine blood/serum

FOOT AND MOUTH DISEASE

One step rapid Test for detection on NSP 3 ABC antibodies in bovine blood/serum

BOVINE TUBERCULOSIS

Qualitative test to detect *M. bovis* antibodies in bovine blood/serum

ROTA VIRUS

Qualitative test to detect Rota Virus in faeces

ADENO VIRUS

Qualitative test to detect Adenovirus antigen in faeces.

GIARDIA

Qualitative test to detect Giardia organism in faeces

HERDSCREEN

Qualitative test to detect antibodies of *M. bovis*, FMD NSP and Brucella in blood/serum.

ANTHRAX

Qualitative test to detect IgG antibody in blood/serum in Anthrax Infection and Vaccination

ANTHRAX SPORE

Qualitative test to detect the presence of Anthrax spore in specimens and culture fluids

CONVENTIONAL SEROLOGY

ROSE BENGAL PLATE TEST KIT

BRUCELLA MILK RING TEST

BRUCELLA POSITIVE SERUM

OTHER ANIMALS

SWINE BRUCELLA AB

SWINE FMD AB

OVINE BRUCELLA

MOLECULAR DIAGNOSTICS: PRIMER SETS

Anthrax, Blue tongue, *E. multilocularis*, *E. granulosus*, FMD, *Ehrlichia unimantium* (Heartwater), Rift Valley fever, West Nile Virus, *Chlamydomphila psittaci*, Avian infectious laryngotracheitis, *Mycoplasma gallisepticum* (MG) and *M. synoviae* (MS), Duck virus enteritis, Duck virus hepatitis, Infectious Bursal disease, Turkey rhinotracheitis (avian metapneumovirus infections), *B. abortus* and Melitensis, Enzootic Bovine Leucosis, Contagious bovine pleuropneumonia, Haemorrhagic septicaemia, *P. multocida*, Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis, Malignant catarrhal fever, African horse sickness, Equine influenza, Equine rhinopneumonitis, Equine viral arteritis, Glanders, Border disease sheep, Contagious agalactia (*Mycoplasma agalactiae*), CCPP (*Mycoplasma capricolum* subsp. *capripneumoniae* (MCCP)), Ovine pulmonary adenomatosis, Peste des petits ruminants, African swine fever Swine vesicular disease, Camelpox, Cryptosporidiosis

MASTITIS

LDH

Biosensor to detect the presence of Lactate Dehydrogenase enzyme in mastitis milk

ABST

Rapid Antibiotic Sensitivity culture test tray for mastitis.

SCC

Rapid Somatic Cell Count test strip for subclinical mastitis.

BIOWARM PORTABLE INCUBATOR: SUITABLE FOR ABST TRAYS



METABOLIC PROFILING

MUN TEST

Rapid Milk Urea Nitrogen test strip for Rumen Metabolism profiling

VETERINARY ELISA KITS

BOVINE BRUCELLA AB ELISA

BOVINE FMD NSP AB ELISA

BOVINE TB AB ELISA

FMD TYPING ELISA

PPR AB cELISA

KETOSIS

BHB

Rapid Test strip for detection of Beta Hydroxy Butyrate in milk.

COMPANION ANIMALS

PARVOVIRUS

Antigen Rapid Test to detect Parvovirus in canine faeces.

DISTEMPER VIRUS

Antigen Rapid Test to detect Distemper virus antigen in canine respiratory secretions.

CORONA VIRUS

Antigen Rapid Test to detect Corona virus antigen in canine faeces

ROTA VIRUS

Qualitative test to detect Rota virus antigen in canine faeces

ADENO VIRUS

Qualitative test to detect canine Adeno virus in respiratory secretion.

BRUCELLA

Antibody Rapid Test to detect Brucella canis antibodies in blood/serum

LEPTOSPIRA

One step rapid Test for detection on Leptospira antibodies in blood/serum

LEISHMANIA

Qualitative test to detect Leishmania antibodies in blood/serum

GIARDIA

Qualitative test to detect Giardia organism in faeces

EHRLSHIA

Antibody Rapid Test to detect Ehrlichia canis antibodies in blood/serum

CANINE HEARTWORM

Antibody Rapid Test to detect Dirofilaria antigens in blood/serum

FELINES

FELINE PARVOVIRUS

Antigen Rapid Test to detect Parvovirus in feline faeces

FeLV

One step rapid Test for detection of feline Leukemia virus Antigen in blood/serum

FIV

Qualitative test to detect Feline Immunodeficiency Virus Antibodies in blood/serum

FIV-FeLV COMBO TEST

POULTRY

NEW CASTLE DISEASE AG

INFECTIOUS BURSAL DISEASE AG

MAREK'S DISEASE AG

AVIAN INFLUENZA H5 AG/ AIV TYPE A

NEW CASTLE DISEASE ANTIBODY

INFECTIOUS BURSAL DISEASE ANTIBODY

REO VIRUS ANTIBODY

INFECTIOUS LARYNGOTRACHEITIS ANTIBODY

SALMONELLA PULLORUM ANTIBODY

Performance Data of quickVET tests



Sl no	Name of the test	Specimen	Detection limit	Sensitivity	specificity
1	CPV	Feces	0.5 HAU	100% Vs HA	99% Vs HA
2	CDV	Nasal/Ocular Secretions	102.8 TCID50/ml	100% Vs RT-PCR	98.7% Vs RT-PCR
3	CCV	Feces	6.16X103 TCID 50/ml	94% Vs PCR	96.8 Vs PCR
4	CAV	Nasal/Ocular Secretions/feces		93.6% Vs PCR	94.5% Vs PCR
5	Rota	Feces	103.5 TCID 50 /ml	99 % Vs RT-PCR	98.6% Vs RT-PCR
6	Rabies	Saliva/10% Brain Homogenate	101.7 LD50/0.03ml	94 % Vs RT-PCR	100% Vs RT-PCR
7	Lyme	WB/P/S		93% Vs ELISA	99.3% Vs ELISA
8	Ehrlichia	WB/P/S		92% Vs IFA	97% Vs IFA
9	Giardia	Feces	120 Cysts/100µl of Feces	100 % Vs a commercial kit	100% Vs a commercial kit
10	CHW	WB	5ng/ml	93 % Vs Necropsy	100%
11	Leishmania	WB/S/P		96% Vs IFA	98% Vs IFA
12	Canine Brucella	WB/S/P		93% Vs RSAT	99 % Vs RSAT
13	Canine Leptospira Ab	WB/S/P		92% Vs Culture	94% Vs Culture

Sl no	Name of the test	Specimen	Detection limit	Sensitivity	specificity
1	FeLV Ag	WB/S/P	5ng/ml	94.5% Vs Virus isolation	98.9 Vs Virus isolation
2	FPV Ab	Feline feces	0.5 HAU/ml	99.5 Vs HA	100 Vs HA
3	FCoV Ab	WB/S/P		96% Vs IFA	97.5% vs IFA
4	FIV Ab	WB/S/P		97.5 Vs Western Blot	98.8% Vs western Blot
5	Toxoplasma Ab	WB/S/P		98.8 % Vs ELISA	99 % Vs ELISA



Sl no	Name of the test	Specimen	Sensitivity %	Specificity %	Comparison test
1	FMD NSP 3ABC Ab	WB/S/P	97.4	98.8 Vs	Idexx ChekKit FMD 3ABC ELISA Kit
2	Brucella Ab	WB/S/P	96.8	99.1	CFT
3	Bovine Tb Ab	WB/S/P	85.7	99.0	PPD Tuberculin
			90.4	93.9	IDEXX M Bovis Ab ELISA
5	Anaplasma Ab	WB/S/P	94	100	IFA
6	Swine Brucella Ab	WB/S/P	95.5	99	CFT
7	Swine FMD NSP Ab	WB/S/P	98.00	98.9	ELISA
8	Ovine Brucella Ab	WB/S/P	96.0	98	CFT
9	Rabies Ag	Saliva/10% Brain Homogenate	94	100	RT-PCR
10	Rota Ag	Feces	94	100	RT-PCR

Sl no	Name of the test	Specimen	Sensitivity %	Specificity %
1	NDV Ag	Avian Cloaca/tracheal swab	95.0	97% vs RT-PCR
2	IBD Ag	Avian Cloaca/Bursa of Fabricious Swab	92.8	96.5
3	AIV Ag	Avian Cloaca/tracheal swab	97.8	100%
4	AIV H5 Ag	Avian Cloaca/tracheal swab	99.8	100 %



Blood collection



Collect 10µl sample



drop to test cassette



2 drops of Buffer

