

Glossary of Terms

Serology / Antibody Detection

Description

A range of PT schemes to detect the presence of circulating antibodies in serum due to exposure to an infectious agent using routine methods.

AGIDT	Agar Gel Immunodiffusion Test
CFT	Complement Fixation Test
ELISA	Enzyme Linked Immunosorbent Assay
AgELISA	Antigen Enzyme Linked Immunosorbent Assay
cELISA	Competitive Enzyme Linked Immunosorbent Assay
FAT	Flourescent Antibody Test
HAIT	Haemagglutination Inhibition Test
IBT	Immunoblotting Test
IFAT	Indirect Fluorescent Antibody Test
IPMA	ImmunoPeroxidase Monolayer Assay
LAT	Latex Agglutination Test
MAT	Microscopic Agglutination Test
RSA	Rapid Slide Agglutination
SAT	Serum Agglutination Test
SNT	Serum Neutralisation Test
VNT	Virus Neutralisation Test

Microbiology

Description

A range of PT schemes to detect and identify the organism causing disease.

Culture with ELISA/PCR	e.g. <i>Pasteurella multocida</i> toxin detection
Isolation and enumeration	Growth of organisms and numerical measurement
Isolation & identification	Growth of organisms and genus/species identification
Microscopic examination of blood	e.g. Slide preparation for Anthrax
PCR	Polymerase Chain Reaction
Staining of material on slide	e.g. Acid alcohol-fast bacilli test for <i>Brucella abortus</i>

Parasitology

Description

PT scheme to detect the presence and enumeration of helminth and fluke eggs in sheep or cattle faeces. PT scheme to enumerate *Trichinella spiralis* in filtrate

WEC	Worm Egg Count
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Histopathology

Description

For testing a laboratory's staining techniques to aid recognition of disease scenarios, using slides with cut fixed sections.

IHC	Immunohistochemistry
CPT	Cellular Pathology Technique

Haematology

Description

Stabilised Ruminant whole blood for routine cell counts

Hb	Haemoglobin
MCH	Mean cell haemoglobin
MCHC	Mean corpuscular haemoglobin concentration
MCV	Mean cell volume
PCV	Packed cell volume
RBC	Red blood cell count
RBCC	Red blood cell count
WBC	White blood cell count
WBCC	White blood cell count

Clinical Chemistry

Description

Tissue samples for analysis of Copper and Lead levels to indicate either deficiencies or poisoning levels

Transmissible Spongiform Encephalopathy (TSE)

Description

A range of schemes for the detection of Bovine Spongiform Encephalopathy and Scrapie in Brain samples using Rapid methods. Histopathology and Immunohistochemistry for TSE, using brain sections and genotyping of stabilised blood samples.

Virology

Description

A range of schemes to detect the presence of the actual virus within blood samples eg BVD, within tissue samples using PCR eg Koi Herpes Virus, FAT tests for common Viruses e.g. BVD/IBR/ PI3.

Feed Tests

Description

Schemes to detect the presence and identification of animal bone/protein in animal feed samples using microscopy or PCR.