



## **Veterinary Testing**

## **Classes of Test**

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## Veterinary Testing Classes of test

The following is a listing of the classes and subclasses of testing available in the field of Veterinary Testing.

Each major class of test is annotated with the species groups, or similar, for which a facility has been accredited. These groups are:

companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species, avian species, and bees/apiculture.

If the laboratory has particular expertise in one or more groups, this is also indicated.

### 20.10 Microbiology

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species, avian species, bees/apiculture (to be indicated for each laboratory)*

### 20.11 Bacteriology

- .01 Diagnostic bacteriology - incorporating identification by simple microscopy, cultural methods of detection and identification of organisms
- .02 Antibiotic susceptibility testing (antibiograms)
- .03 Immunological methods of antigen detection
- .06 Quantitative procedures
- .99 Other

### 20.12 Mycology

- .01 Diagnostic mycology – incorporating identification by simple microscopy, cultural methods of detection and identification of organisms
- .02 Antifungal susceptibility testing
- .03 Immunological methods of antigen detection
- .06 Quantitative procedures
- .99 Other

### 20.13 Other Microorganisms

- .01 Diagnostic microbiology - incorporating identification by simple microscopy, cultural methods of detection and identification of organisms
- .02 Antibiotic susceptibility testing (antibiograms)
- .03 Immunological methods of antigen detection
- .06 Quantitative procedures
- .99 Other

20.14 Virology

- .01 Diagnostic virology - non-cultural (immunological) methods of detection
- .02 Diagnostic virology - cultural methods of detection and identification of organisms
- .05 Quantitative procedures
- .99 Other

20.15 Prions

- .01 Histological identification of prion disease lesions
- .02 Detection of prion protein by immunological methods
- .03 Detection of scrapie associated fibrils (SAFs) by electron microscopy
- .04 Detection of prion protein by bioassay
- .99 Other

20.20 Parasitology (including helminths, arthropods and protozoa)

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species, avian species, bees/apiculture (to be indicated for each laboratory)*

- .01 Diagnostic parasitology - incorporating detection and identification using morphological methods
- .02 Immunological methods of identification
- .03 Anthelmintic resistance testing
- .05 Quantitative procedures
- .99 Other

20.25 Serology of Infection

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

- .01 Agar gel immunodiffusion tests
- .02 Complement fixation tests
- .03 Enzyme linked immunosorbent assays
- .04 Haemagglutination inhibition
- .05 Indirect fluorescent antibody tests
- .06 Microscopic agglutination tests
- .07 Rose bengal plate tests
- .08 Serum agglutination tests
- .09 Serum neutralisation tests
- .10 Latex agglutination tests
- .11 Specialised tests (specific tests to be listed)
- .99 Other

20.35 Haematology

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

20.36 Haematology

- .01 Diagnostic haematology - incorporating blood counts, examination of blood films, differential leucocyte counts, special blood films for nominated animal groups
- .02 Basic coagulation screening tests
- .03 Bone marrow microscopy
- .05 Cell markers
- .99 Other

20.37 Blood transfusions

- .01 Donor screening procedures
- .02 Blood typing
- .03 Transfusion cross matching
- .04 Histocompatibility
- .05 Preparation of blood components
- .99 Other

20.40 Clinical Chemistry

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

20.41 Biochemistry

- .01 Diagnostic biochemistry - incorporating analytes for organ systems, analysis of proteins and electrolytes
- .02 Blood gas tensions, pH
- .03 Hormone assays
- .04 Pregnancy diagnosis
- .05 Urine biochemistry
- .06 Analysis of calculi
- .07 Trace element analysis
- .08 Vitamin assays
- .09 Drugs for therapeutic monitoring
- .10 Quantitative analysis of total carbon dioxide in equine plasma
- .99 Other

20.42 Clinical Immunology

- .01 Immunoglobulin identification in body fluids
- .02 Allergen specific IgE
- .03 Immunocomplex identification
- .04 Tests for autoimmune disease
- .05 Assessment of leucocyte structure
- .06 Assessment of leucocyte function
- .07 Leucocyte markers
- .08 Flow cytometry
- .99 Other

20.43 Analysis of excreta

- .01 Urinalysis; including specific gravity, sediment examination and testing by a dipstick method
- .02 Faecal analysis; including staining for faecal fat, trypsin activity, gram stain and occult blood
- .99 Other

20.45 Toxicology

- .01 Venom detection
- .02 Assay of antimicrobials
- .03 Drugs for toxicological analysis
- .04 Heavy metal analysis
- .05 Organic/Inorganic toxins: plant, bacterial and fungal
- .06 Identification of poisonous plants
- .99 Other

20.50 Anatomical Pathology

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

20.51 Cytology

- .01 Diagnostic cytology - incorporating fine needle aspirates, impression smears and the analysis of body fluids
- .02 Quantitative cytology
- .03 Cytochemistry
- .04 Immunocytochemistry

20.52 Histopathology

- .01 Processing of fixed specimens for histology
- .02 Processing of frozen sections
- .03 Histochemistry
- .04 Immunohistochemistry
- .05 Histological interpretation
- .06 Characterisation by molecular techniques
- .07 Characterisation by in-situ hybridisation

20.53 Electron microscopy

- .01 Transmission electron microscopy
- .02 Scanning electron microscopy
- .03 Analytical electron microscopy
- .04 Immunohistochemistry electron microscopy

20.54 Necropsy

20.60 Genetic Testing

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

- .01 Cytogenetics
- .02 Parentage testing
- .03 Molecular genetics
- .04 Biochemical genetics

20.80 Molecular Diagnostics

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

- .01 Identification by extraction and amplification
- .02 Sequencing
- .03 Genotyping
- .99 Other

20.85 Emergency Disease Investigations

*For any or all of the subclasses included on the scope of accreditation (excluding 20.37 and 20.60)*

20.90 Veterinary Practice Pathology

*For companion animals, production animals, production avian species, laboratory animals, zoo animals, wildlife, aquatic animals, equine species and avian species (to be indicated for each laboratory)*

- .01 Analytes available on the following analyser:(specify)
- .02 Haematology using the following analyser:(specify)
- .03 Examination of blood films
- .04 Basic microscopy of clinical specimens
- .05 Urinalysis
- .06 Microscopic examination of urine sediment
- .07 Microbial culture
- .08 Faecal analysis
- .09 Faecal parasitology
- .10 Basic staining techniques
- .11 Haematocrit
- .12 Plasma proteins
- .13 Basic EIA testing
- .99 Other

20.95 Foreign regulatory requirements

- .01 European Union Directives for Animal Health