

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-14340-03-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 16.07.2020

Date of issue: 16.07.2020

Holder of certificate:

**Justus-Liebig Universität Gießen
Klinik für Vögel, Reptilien, Amphibien und Fische
Frankfurter Str. 114, 35392 Gießen**

Testing in the field:

Veterinary medicine

Testing areas:

Microbiology (including bacteriology, mycology, infection serology, molecular biology)

Parasitology

Pathology

Within the given testing field marked with */**, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS,

*) the free choice of standard or equivalent testing methods.

***) the modification, development and refinement testing methods.

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.

<https://www.dakks.de/en/content/accredited-bodies-dakks>

**Testing area: Microbiology
(including bacteriology, mycology, infection serology, molecular biology)**

Type of testing: Amplification technique *

Analyte (measurement parameter)	Test material (Matrix)	Test technique
Salmonella sp.	Sock swabs, droppings and dusts from chicken and turkey	PCR

Type of testing: Culture examination**

Analyte (measurement parameter)	Test material (Matrix)	Test technique
Bacteria	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Culture isolation and identification
Gram-negative bacteria	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Culture isolation and identification
Gram-positive bacteria	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Culture isolation and identification
Salmonella	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Enrichment process and culture isolation
Clostridia	Bowel contents, organs, faeces, animal feed within diagnostics	Culture isolation and identification
Avibacterium	Tissue, secretions/excretions, body fluids, culture material, swab samples	Culture isolation and identification
Pasteurella	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Culture isolation and identification
Yeasts	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Culture isolation and identification
Mould	Tissue, secretions/excretions, body fluids, culture material, environmental samples, swab samples	Culture isolation and identification
Mycobacteria	Imprint samples	Dying
Bacterial antibiotic resistance test	Culture material	Agar diffusion test (Resistance testing)

Type of testing: Agglutination tests **

Analyte (measurement parameter)	Test material (Matrix)	Test technique
Salmonella antibodies (Salm. pullorum)	Serum	Fast agglutination
Mycoplasma antibodies (M. gallisepticum, M. synoviae, M. meleagridis)	Serum	Fast agglutination
Salmonella	Culture material	Serotyping using slide agglutination

Testing area: Parasitology

Type of testing: Microscopy **

Analyte (measurement parameter)	Test material (Matrix)	Test technique
Endoparasites	Tissue, secretions/excretions	Direct detection native
Endoparasites	Tissue, secretions/excretions	Flotation process
Endoparasites	Tissue, secretions/excretions	Sedimentation process

Testing area: Pathology

Type of testing: Anatomical pathology examination **

Analyte (measurement parameter)	Test material (Matrix)	Test technique
pathomorphological modifications	Animal carcasses, animal parts, organs from birds, reptiles, fish	Dissection