

LDG Laboratory Diagnostics Germany GmbH

LABORATORY SERVICES

- › Diagnostics
- › Quality Control
- › Research & Development



L **A** **B** **O** **R** **A** **T** **O** **R** **A** **T** **O** **R** **Y**
D **I** **A** **G** **N** **O** **S** **T** **I** **C** **S**
G E R M A N Y

Antibody Detection	Test
Adeno virus:	
Adeno 127 (EDS)	HHT ELISA
Fowl Adeno Virus (FAdV)	AGP ELISA IFT
Haemorrhagic Enteritis (HEV)	AGP
Avian Encephalomyelitis (AE)	ELISA
Avian Leucosis (A/B)	ELISA
Avian Leucosis (J)	ELISA
Avian Metapneumovirus (APV)	ELISA
Chicken Anaemia virus (CAV)	ELISA
Chicken Astro Virus (CastV)	ELISA
Gumboro (IBD)	AGP ELISA
Gumboro serotype 2	Micro-SN
Gumboro (IBD) VP2	ELISA
Infectious Bronchitis (IBV)	AGP ELISA
IB Micro-SN possible: H 120, D-274, D-1466, 4/91, China QX (other strains on request)	Micro-SN 1 st serotype/pool each further serotype
Inf. Laryngotracheitis (ILT)	ELISA
Influenza A	AGP ELISA ELISA multispecies
H5	ELISA
H7	ELISA
H9	ELISA
HI-subtype 1, 3, 5, 6, 7, 9	HI
Marek (MHV)	AGP
Mycoplasma gallisepticum (Mg)	RSA ELISA
Mycoplasma synoviae (Ms)	RSA ELISA
Mg/Ms-combi	ELISA
Mycoplasma meleagridis (Mm)	RSA
Newcastle Disease (NDV)	HI ELISA
Avian Paramyxovirus Typ 2/3 (PMV-2/3)	HI
Ornithobact. rhinotracheale (ORT)	ELISA
Pasteurella multocida (PM)	ELISA

Antibody Detection	Test
Reo	AGP ELISA IFT
Reticuloendotheliosis (REV)	ELISA IFT
Salm. gallinarum/pullorum	RSA
Salm. enteritidis/typhimurium combi	ELISA
Avian Hepatitis E Virus (BLS/HEV)	ELISA

Antigen Detection	Test
Avian Leucosis (LL-Ag)	ELISA

Parasitological Examination	Test
Worm eggs, coccidia	Flotation
Worm eggs, coccidia quantitative	
Red Fowl Mite: Evaluation of traps	

Post Mortem Examination
Pathology, chicks
Pathology, adult birds

Bacteriology
Culture aerob
Culture anaerob/microaerophil
Sensitivity test (Minimal Inhibitory Concentration, MIC)
Total bacterial count feed
Total bacterial count drinking water
Selective culture for Enterococcus spp.
Selective culture for Campylobacter spp.
E. coli Serotyping (7 serotypes)
E. coli Extended-Spectrum Beta-Lactamase (ESBL)
Selective culture for Staphylococcus (S. aureus)
S. aureus (MRSA identification)
Yeast and molds
Bacterial biochemical differentiation (API)
Hygiene control (RODAC total bacterial count or Yeast&Mold)

Salmonella Detection and Typing

Culture (MSRV selective enrichment)

Culture (*S. gallinarum/pullorum*)

Serotyping

Differentiation *Salmonella* vaccine strains (IDT)

Differentiation *Salmonella* vaccine strains (LAH/Elanco)

PCR-Examinations

Avian Encephalomyelitis (AE)

Avian Gyrovirus 2

Avian Influenza (AI)

Avian Leucosis Virus (ALV, subgroup A, B)

Avian Leucosis Virus subgroup J (ALV-J)

Avian Nephritis Virus (ANV)

Avian Orthoreovirus (REO)

Avian Pox (POX)

Avian Rhinotracheitis Virus: Type A and B (ART, TRT, AmpV)

Avibacterium paragallinarum (*Hämophilus* spp.)

Avian Hepatitis E Virus (BLS/HEV)

Bordetella avium

Campylobacter spp.

Chicken anaemia Virus (CAV)

Chicken Astro Virus (CastV)

Chlamydia spp.

Egg Drop Syndrome (EDS)

Duck hepatitis virus

Erysipelothrix rhusiopathiae (*Erysipelas*)

Fowl Adeno virus (FAdV)

Gallibacterium spp.

Haemorrhagic Enteritis of Turkeys (HEV)

Histomonas meleagridis

Infectious Bronchitis Virus (IBV)

Infectious Bursitis Virus (IBDV, Gumboro)

Infectious Laryngotracheitis (ILT)

Marek Disease Virus (GHV-2)

Marek Disease Virus (GHV-2), (Rispons/non Rispens)

Mycoplasma gallisepticum (Mg)

Mycoplasma synoviae (Ms)

Newcastle Disease Virus (NDV)

Ornithobacterium rhinotracheale (ORT)

Herpes Virus of Turkeys (HVT)

Pasteurella multocida

Reticuloendotheliosis Virus (REV)

Riemerella anatipestifer

Salmonella spp.

SARS-CoV-2

Pathogen Typing (Sequencing)

Avian Orthoreovirus (REO)

Fowl Adeno virus (species and serotype)

Infectious Bronchitis Virus (serotype)

Infectious Bursitis Virus
(differentiation field/vaccine strain)

Newcastle Disease Virus
(including cleavage site determination)

Differentiation of bacteria via 16s-analysis

Genetic tree/preparation of phylogenetic tree (pdf-file)

Pathogen Typing (PCR)

IBV (Massachusetts, Italy, D-274,
4/91 (793B), QX, D-1466, Variant 2)

first serotype
per additional
serotype

E. coli: virulence factors
(aerA, ColV, irp, tsh)

per virulence gene

Enterococcus (species determination)

Avian influenza Hemagglutinin -
typing: H5, H7, H9

per HI-type

Clostridium perfringens
(α -, β -, ϵ -, ι -, β 2-Toxin und cpe
Enterotoxin)

typing

Mycoplasma typing
(MG and MS vaccine strains)

per typing

Virology (Embryo Culture)

Virus culture

Virus titration (e.g. vaccines)

Virology (Tissue Culture)

Virus culture

Virus titration (e.g. vaccines)

Others

Sample preparation for virus isolation/PCR

Administrative expenditure for submissions under 10,00 €

Vaccination date prediction (Deventer formula) per house

Material

Paper strips

FTA cards

Testsets SARS-CoV-2 (swabs and forms)

*plus shipping costs

Further examinations are possible on request.

The above prices do not include VAT.



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