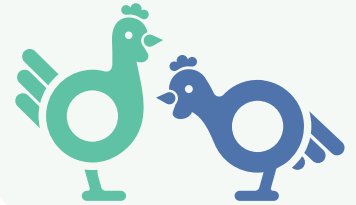


Poultry Veterinary Diagnostic Service

GENOVO



PORTFOLIO

Choosing Genovo is choosing the fast and simple way:

- A** We offer a broad spectrum of poultry molecular diagnostics which includes (RT-)qPCRs for screening and typing, as well as Sanger sequencing and Next Generation Sequencing (NGS).
- B** Our team of poultry veterinarians is available to assist with all inquiries related to sample collection, sample shipment, laboratory testing, and report interpretation.

We are here for you:

- C** If you have any questions, or before sending samples to us for the first time kindly contact us. You will find our contact data at
→ www.genovo.de/contact/

- D** Send your sample sets to
Genovo GmbH
att. PCR lab
Kirchstrasse 3
26197 Großenkneten-Ahlhorn
GERMANY

Please make sure that the shipment is accompanied by our sample submission form or some equivalent.

- www.genovo.de/downloads/



PORTFOLIO

A. Sample

Send us your sample and pay one lump sum per sample pool for any ordered service. For your convenience we also provide sampling cards with FTA technology optimized for our services.

SERVICE / PRODUCT

Service

all-inclusive sample processing fee, per sample or sample pool

Product

G-Card (12 spots)

G-Card (12 spots, package of 100 cards)

G-Card NGS

Sampling Box for untargeted NGS

B. (RT-)qPCR

Choose which pathogen you want to test for.

PATHOGEN

Virus

Adenovirus (FAdV)

Astrovirus (CAstV)

Astrovirus (TAsTV-2)

Chicken Anemia Virus (CAV)

EDS-76/ Duck Adenovirus

Encephalomyelitis Virus (AEV)

Herpesvirus of Turkey (HVT, screening for recombinant vaccines)

construct-specific DIVA-qPCRs for rec. vacc. (on demand)

Gallid Alphaherpesvirus 3 strain SB-1 (Mardivirus gallialpha SB1)

Infectious Bursal Disease Virus (IBDV) screening

IBDV genogroup A1

IBDV genogroup A3

IBDV genogroup A7

only as a package

Infectious Bronchitis Virus (IBV) screening

IBV variant Mass (GI-1)

IBV variant Arkansas (GI-9)

IBV variant D274 (GI-12)

IBV variant 793b, 4/91, CR88 (GI-13)

IBV variant Q1 (GI-16)

IBV variant QX (GI-19)

IBV variant Italy02 (GI-21)

IBV variant 02 (GI-23)

IBV variants of GII (incl. D181 & D1466)

IBV variants of GVIII (incl. IB80)

only as a package



GENOVO

PATHOGEN

Virus

Infectious Laryngotracheitis Virus (ILTV)

Influenzavirus A (IVA) screening

IVA H5

IVA H7

IVA H9

Leukosis Virus (exogenous ALV, RNA)

Leukosis Virus (endogenous ALV, DNA)

Marek's Disease Virus (MDV)

MDV DIVA Rispens

Metapneumovirus Serotype A & B (aMPV, ART)

Metapneumovirus Serotype C (aMPV, ART)

Nephritis Virus 1 & 2 (ANV-1 & -2)

PMV-1 screening

PMV-1 pathotyping

Poxvirus (FPV)

Reovirus (av. Orthoreovirus; ARV)

Reticuloendotheliosis Virus (REV)

Bacteria

Avibacterium paragallinarum

thermophilic Campylobacter species

Campylobacter hepaticus

Mycoplasma MG / MS (combination)

MG DIVA 6/85 & F-strain

MG DIVA ts-11

MS DIVA MS-H

Ornithobacterium rhinotracheale (ORT)

Salmonella spp.

Salmonella SE /ST

Parasites

Eimeria spp.

Eimeria maxima, E. tenella & E. acervulina (short life cycle)

Eimeria maxima, E. brunetti & E. necatrix (long life cycle)

Eimeria mitis & E. praecox

Histomonas meleagridis (HM)

C. Sequencing

Choose Sanger or NGS of listed target genes or genomes.

PATHOGEN

ARV – partial sigma C gene (Sanger)

CAstV – partial Capsid protein gene (Sanger)

FAdV – partial hexon gene (Sanger)

IBDV – partial VP2 & VP1 genes (Sanger)

IBDV – segment A & B (VP2 & VP1; NGS)

IBV – partial S1 gene (Sanger)

IBV – full S1 gene (NGS)

IVA – full genome (NGS)

MDV – partial meq1 gene (Sanger)

aMPV – partial G gene (Sanger)

PMV-1 – partial F-gene incl. cleavage site (Sanger)

Untargeted full RNA (NGS, e.g. for monitoring)

Histomonas meleagridis (HM, for genotyping)
