IDvet
Innovative Diagnostics

Gumboro Disease (IBD)

A complete offer for monitoring vaccination

ID Screen® IBD indirect

ID Screen® IBD VP2

An innovative and complete solution for IBD testing, validated by the expert scientific committee from GD Deventer

- **Thanks to its improved specificity, the IBDS kit allows for optimal vaccination monitoring in the context of conventional vaccination programs with live and/or killed vaccines.**

  It is based on the use of the Deventer Log2 formula to **calculate vaccination date prediction.** The use of this formula has been validated further to a study performed by the expert scientific committee of GD Animal Health, Deventer, recognized worldwide as a reference for avian diagnostics. The study shows a high correlation in titres between the IDvet and IDEXX ELISAs. It confirms that **the Deventer formula may be used by the IDvet ELISA** using the IDvet breakthrough titres and the same half-life times as those used by the IDEXX ELISA.

  This ELISA kit is an excellent tool to determine the optimal vaccination date for both homogeneous and heterogeneous titre distributions (single or double prediction).

- **The IBD VP2 kit allows for early detection of seroconversion** (as of 14 days post-immunization). Given that it specifically detects antibodies against the VP2 protein, it is ideally suited to monitor rHVT-VP2 recombinant vaccines. The test shows an excellent sensitivity and high specificity.

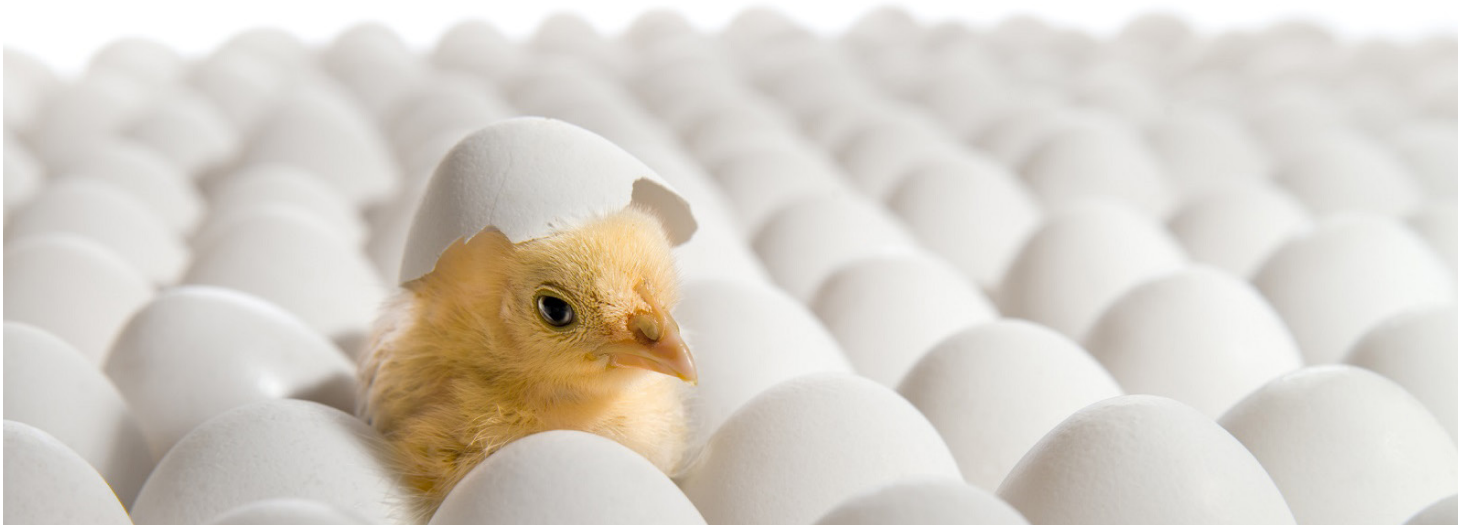
- **When testing layers, the IBDS kit may be used with the chloroform-free egg yolk protocol developped by IDvet.** Egg yolk collection is easy for veterinarain, and does not generate stress for the animal.

Specifications

Method	Indirect ELISAs
Species	Chicken (broilers, breeders, layers)
Samples	Serum, plasma and egg yolks
Coated antigen	IBDS : IBD purified antigen IBD VP2 : recombinant VP2 antigen
Conjugate (concentrated 10X)	Anti-chicken-HRP conjugate

A unique solution for IBD testing: monitor vaccination and determine the optimal date of vaccination

Product name	Indications	Advantages
ID Screen® IBD Indirect (IBDS)	• Monitoring of conventional vaccine programs (live and killed vaccine) • Vaccination date prediction according to the Deventer Log2 method (available with ID Soft™, data analysis program)	• Applicable to domestic birds (breeders, layers, broilers) • In addition to serum and plasma, the kit may be used with egg yolk samples which are easier to collect and cause less stress to the layers. • Determine the optimal vaccination date for a flock, for both homogeneous or heterogeneous titre distributions (single or double prediction) • The ID Soft ™ program provides acurate vaccination date prediction for the tested flock
ID Screen® IBD VP2 (IBDVP2)	• Control of vaccine take with the vaccine rHVT-VP2	• Very early detection • Specific detection of anti-VP2 antibodies



Flexible formats : 5 or 10 plates, strip or solid plates

5 plates (5P)	480 reactions
10 plates (10P)	960 reactions

Optimize your quality control with the IDvet reference control samples (freeze-dried or ready-to-use)

These reference samples contain significant levels of antibodies to IBD.
The samples are tested at a threshold dilution to :

- verify that analytical sensitivity remains constant between runs and operators;
- validate sample processing : the freeze-dried sample undergoes both the sample pre-dilution and dilution steps.

References

Gardin Y et al. **Comparison of various ELISA kits to assess vaccine take and monitor antibody response following the use of hatchery IBD vaccines.** Poster presented at the 19th WVPAC - World Veterinary Poultry Association Congress - Capetown, Republic of south Africa - September 2015.

De wit J.J. et al. **Comparison of the titres of the ID Screen® IBD Indirect ELISA and IDEXX IBD Ab test to determine the breakthrough titres to be used in the IDvet ELISA.** GD Deventer Animal Health, Netherland, August 2016.

FOR MORE INFORMATION OR TO PLACE AN ORDER,
PLEASE CONTACT YOUR LOCAL SALES REPRESENTATIVE OR IDVET

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