



Infectious Laryngotracheitis

- Disease diagnosis
- Monitoring of conventional and recombinant vaccines
- DIVA strategies



Unique indirect quantitative ELISAs

- The only ELISA range to monitor all conventional and recombinant vaccines and implement **DIVA*** strategies

*Differentiation of Infected and Vaccinated Animals



Disease diagnosis with the ID Gene™ qPCR

- Based on the gC gene
- Positive controls to evaluate extraction and amplification

With you at every step



ELISA RANGE

→ A solution tailored to your needs

A range of indirect ELISAs for the detection of antibodies directed against Infectious Laryngotracheitis (ILT) in chicken and turkey serum. These tests may be used for disease diagnosis or vaccine monitoring of both conventional and recombinant vaccines thanks to results expressed as titers.

ID Screen® ILT Indirect

Product code - **ILTS**

- + Disease diagnosis
- + Monitoring of conventional vaccine programs (CEO and TCO vaccines)

ID Screen® ILT gl Indirect

Product code - **ILTGIS**

- + Monitoring of recombinant vaccines based on gl proteins (Innovax® ILT)
- + May be used as part of a DIVA strategy: does not detect seroconversion to rFP/HVT-gB vaccines, as plates are coated with recombinant gl proteins

NB: Also suited for the monitoring of conventional vaccine programs (CEO and TCO vaccines)

→ Control the quality of your results

- Ready-to-use chicken serum pool containing significant and known antibody levels against the virus of the infectious laryngotracheitis, for use with the ILTS and ILTGBS kits.
Product code - **MRIPOS-BIRD-RTU-A**
- Ready-to-use chicken serum pool containing significant and known antibody levels against the virus of the infectious laryngotracheitis, for use with the ILTGIS kit.
Product code - **MRIPOS-BIRD-RTU-B**
- Ready-to-use pool of specific pathogen free (SPF) chicken serum.
Product code - **MRINEG-BIRD-RTU**

ID Screen® ILT gB Indirect

Product code - **ILTGBS**

- + Monitoring of vaccination with recombinant FP-ILTgB vaccines (not suitable for HVT-gB vaccines)
- + May be used as part of a DIVA strategy for animals vaccinated with rHVT-gl vaccines, as plates are coated with recombinant gB proteins

NB: Also suited for the monitoring of conventional vaccine programs (CEO and TCO vaccines)

DIVA TESTING

If vaccination with rHVT-gl vaccines (Innovax® ILT)

Flock status	Expected results with ILTGIS	Expected results with ILTGBS
Unvaccinated, uninfected	NEG	NEG
Vaccinated (rHVT-gl), uninfected	POS	NEG
Vaccinated (rHVT-gl), infected	POS	POS

If vaccination with rFP-gB vaccines (Vectormune® FP LT)

Flock status	Expected results with ILTGBS	Expected results with ILTGIS
Unvaccinated, uninfected	NEG	NEG
Vaccinated (rFP-gB), uninfected	POS	NEG
Vaccinated (rFP-gB), infected	POS	POS



→ Detect all ILT strains using the ID Gene™ ILT qPCR

The ID Gene™ ILT Duplex is a qualitative duplex test. It simultaneously amplifies a target sequence in the ILT-gC gene and an exogenous control. This kit may be used to test tracheal, oropharyngeal and cloacal swabs or nucleic acid storage cards.



■ **Rapid amplification protocol**

Results in under one hour



■ **Reliable**

High inclusivity: detects all ILT field and vaccine strains (CEO/TCO) but not gB, gD and gI recombinant vaccines.

Includes an exogenous internal control, to be added to each field sample before extraction, to confirm viral lysis and the absence of inhibitors in each well.

Includes positive controls to validate the efficiency of the extraction and amplification steps.



■ **Convenient**

The same extraction amplification protocol shared by all ID Gene® qPCRs



■ **Practical**

Ready-to-use reagents facilitate testing

Versatile: The only commercial qPCR for use with nucleic acid storage cards

→ Control the quality of your results

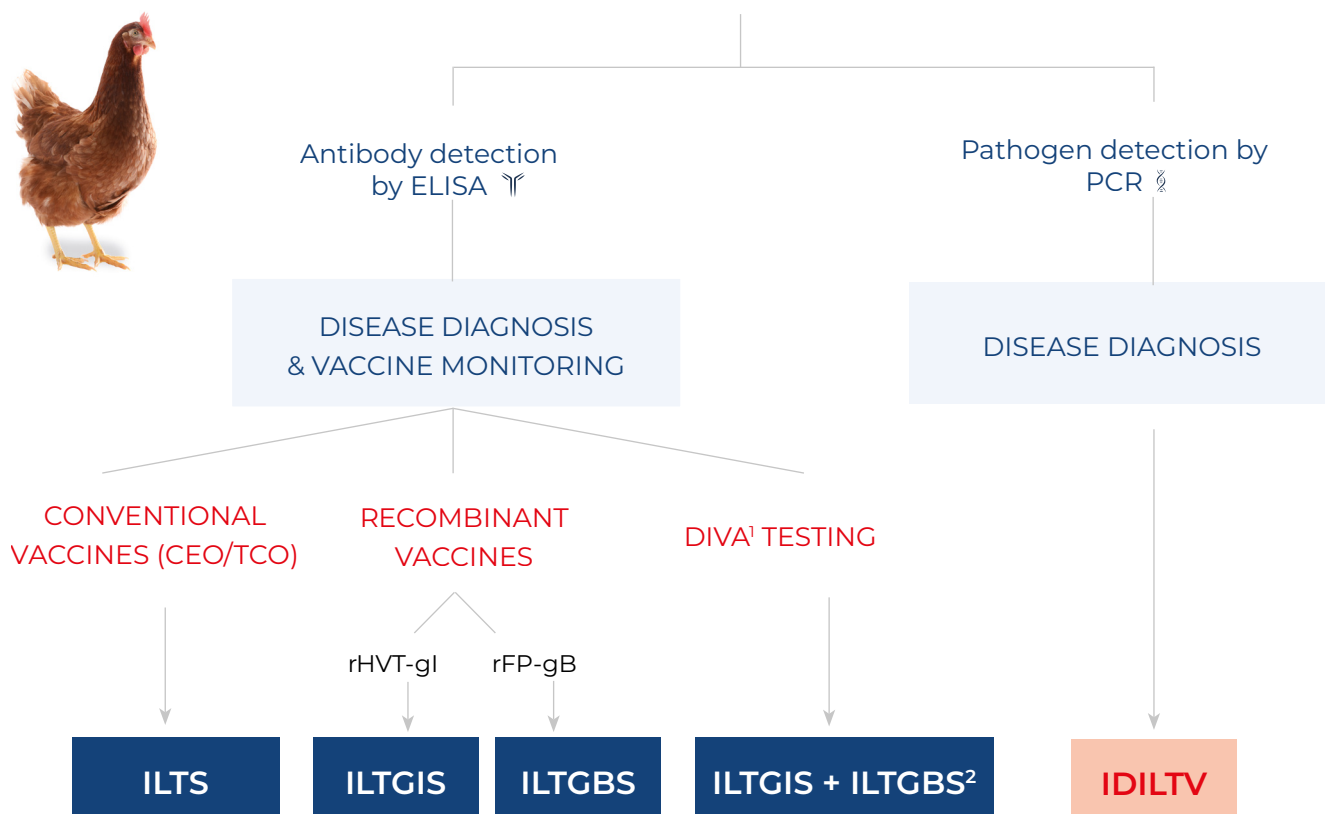
■ Freeze-dried positive extraction control
Product code - **PEC-ILTV**





THE IDVET ILT DIAGNOSTIC RANGE

WHICH TEST TO CHOOSE?



⁽¹⁾ Differentiation of Infected and Vaccinated Animals

⁽²⁾ See page 2 on how to implement DIVA strategies

→ Specifications

PRODUCT CODE	PRODUCT NAME	METHOD	FORMAT	REACTIONS
ILTS-5P	ID Screen® ILT Indirect	Indirect ELISA	5 plates	480
ILTS-10P			10 plates	960
ILTGIS-5P	ID Screen® ILT gI Indirect for rHVT-gI vector vaccine monitoring	Indirect ELISA	5 plates	480
ILTGIS-10P			10 plates	960
ILTGBS-5P	ID Screen® ILT gB Indirect for rFP-ILTgB vector vaccine monitoring	Indirect ELISA	5 plates	480
ILTGBS-10P			10 plates	960
MRIPOS-BIRD-RTU-A	Ready-to-use multi-positive chicken serum (for use with ILTS and ILTGBS kits)		5 mL – 50 reactions	
MRIPOS-BIRD-RTU-B	Ready-to-use multi-positive chicken serum (for use with ILTGIS kit)		5 mL – 50 reactions	
MRINEG-BIRD-RTU	Ready-to-use SPF chicken serum		5 mL – 50 reactions	
IDILTV-50	ID Gene® ILT Duplex	qPCR - Duplex	-	50
IDILTV-100			-	100
PEC-ILTV	Freeze-dried Positive Extraction Control	To be extracted	550 µL	10 samples
MAGFAST384	ID Gene™ Mag Fast Extraction Kit	Magnetic beads	384 samples	