

MONITOR AVIAN INFLUENZA WITH THE MOST COMPLETE RANGE OF DIAGNOSTIC TESTS

IDvet provides solutions which meet your needs!



Disease diagnosis with competitive ELISAs

- ⇒ Screening, Serotyping, Multi-species applications

Vaccination monitoring with indirect quantitative ELISAs

- ⇒ 100% correlation with HI test, monitoring of conventional and recombinant vaccines, DIVA strategies



Disease diagnosis with the ID Gene™ qPCR

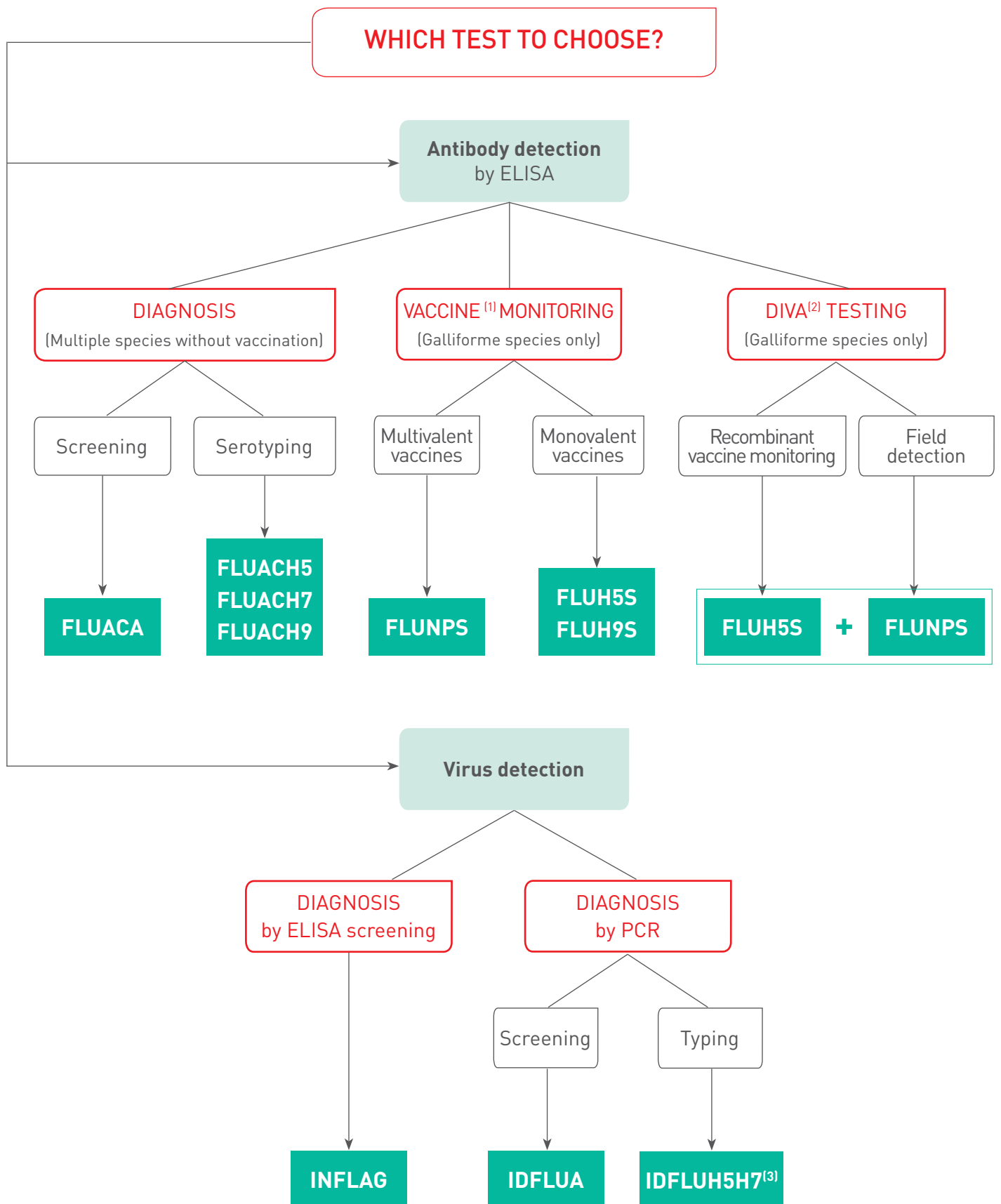
- ⇒ Validated by the ANSES, French reference laboratory
- ⇒ Endogenous control to validate sample presence
- ⇒ Positive controls to evaluate extraction and amplification



WITH YOU AT EVERY STEP

ID.vet

THE IDVET INFLUENZA DIAGNOSTIC RANGE



(1) All Influenza vaccines (killed + recombinant)

(2) Differentiation of Infected and Vaccinated Animals (recombinant vaccines only)
See table on next page on how to implement the DIVA strategy.

(3) Available in France only

THE IDVET INFLUENZA DIAGNOSTIC RANGE

DIVA strategy

(rHVT-H5 vaccines: Vectormune® AI)

Flock status	Expected results with FLUH5S	Expected results with FLUNPS
Unvaccinated, uninfected	NEG	NEG
Vaccinated (rHVT-H5), uninfected	POS	NEG
Vaccinated (rHVT-H5), infected	POS	POS

Specifications

PRODUCT CODE	PRODUCT NAME	METHOD	FORMAT	REACTIONS
FLUACA-2P	ID Screen® Influenza A Antibody Competition Multi-species	Competitive ELISA	2 plates	192
FLUACA-5P			5 plates	480
FLUACA-10P			10 plates	960
FLUACH5-2P	ID Screen® Influenza H5 Antibody Competition	Competitive ELISA	2 plates	192
FLUACH5-5P			5 plates	480
FLUACH7-2P	ID Screen® Influenza H7 Antibody Competition	Competitive ELISA	2 plates	192
FLUACH7-5P			5 plates	480
FLUACH9-2P	ID Screen® Influenza H9 Antibody Competition	Competitive ELISA	2 plates	192
FLUACH9-5P			5 plates	480
FLUNPS-5P	ID Screen® Influenza A Nucleoprotein Indirect	Indirect ELISA	5 plates	480
FLUNPS-10P			10 plates	960
FLUH5S-5P	ID Screen® Influenza H5 Indirect	Indirect ELISA	5 plates	480
FLUH5S-10P			10 plates	960
FLUH9S-5P	ID Screen® Influenza H9 Indirect	Indirect ELISA	5 plates	480
FLUH9S-10P			10 plates	960
INFLAG-2P	ID Screen® Influenza A Antigen Capture	Sandwich ELISA	2 plates	192
IDFLUA-100	ID Gene™ Influenza A Duplex	RT-qPCR - Duplex	-	100
IDFLUA-50			-	50
MRI-FLUC-RTU	Ready-to-use positive chicken serum pool (use with FLUACA, H5, H7, H9)		2 ml	-
MRI-FLUS-RTU	Ready-to-use positive chicken serum pool (use with FLUNPS, H9S)		2 ml	-
MRINEG-BIRD-RTU	Ready-to-use negative SPF chicken serum (use with ELISA and RSA)		5 ml	50

COMPETITIVE ELISAs

QUALITATIVE TESTING FOR DIAGNOSIS IN MULTIPLE SPECIES



A range of competitive ELISAs for the detection of antibodies against the Influenza A virus in avian serum, plasma or egg yolk samples from multiple species.

These kits may be used for disease diagnosis or serotyping.



ADVANTAGES

- + May be used in all domestic and wild birds
- + More robust and rapid than the HI test
- + Detects IgG and IgM antibodies, allowing for early and long-term antibody detection and high sensitivity

ID Screen® Influenza A Antibody Competition



- + Detects all Influenza A serotypes
- + Use to monitor disease in SPF animals

ID Screen® Influenza H5 Antibody Competition



- + Extensively validated by European reference laboratories
- + Detects new H5 clades (ex: 2.3.4.4)

ID Screen® Influenza H7 Antibody Competition



- + The only tests of their kind on the market

ID Screen® Influenza H9 Antibody Competition

TO CONTROL THE QUALITY OF YOUR RESULTS

IDvet provides reference sera to be used as internal reference material for quality control:

- Positive material for use with Influenza competitive ELISAs: product code **MRI-FLUC-RTU**
- Negative material for use with all Influenza ELISAs: product code **MRINEG-BIRD-RTU**

INDIRECT ELISAs

QUANTITATIVE TESTING FOR VACCINE MONITORING IN GALLIFORME SPECIES



A range of indirect ELISAs for the detection of antibodies against the Influenza A virus in chicken or turkey serum, plasma or egg yolk samples.

These tests may be used:

- for vaccine monitoring thanks to results expressed as titres.
- as part of a DIVA strategy when testing animals vaccinated with recombinant vaccines alone.



ADVANTAGES

- + Use for vaccination monitoring
- + 100% correlation with HI test
- + May be used in all galliforme species (chicken, turkey, quail, pheasant...)

ID Screen® Influenza A Nucleoprotein Indirect



- + High sensitivity, early detection of antibodies as of 7 days post-infection
- + Use as a DIVA test to detect natural infection in animals vaccinated with recombinant vaccines alone

ID Screen® Influenza H5 Indirect



- + Use to monitor recombinant or conventional H5 vaccines

ID Screen® Influenza H9 Indirect



- + Use to monitor H9 vaccines
- + Detect all H9 subtypes belonging to the G1 lineage

TO CONTROL THE QUALITY OF YOUR RESULTS

IDvet provides reference sera to be used as internal reference material for quality control:

- Positive material for use with Influenza indirect ELISAs: product code **MRI-FLUS-RTU**
- Negative material for use with all Influenza ELISAs: product code **MRINEG-BIRD-RTU**

DUPLEX PCR

HIGHLY SENSITIVE RT-qPCR TO DETECT ALL INFLUENZA A VIRUSES IN THE FIELD



The **ID Gene™ Influenza A Duplex kit** is a qualitative duplex test which simultaneously amplifies target RNA and an endogenous internal control.

This kit may be used to test avian tracheal, oropharyngeal or cloacal swabs, organs and FTA® cards (individual samples or pools of up to 5).

ADVANTAGES

- + Validated by the French National Reference Laboratory (ANSES)
- + High kit sensitivity
- + Detects all Influenza A serotypes
- + Compatible with most extraction systems and all thermocyclers
- + Includes an endogenous internal control to validate sample presence



Rapid amplification
protocol



Positive controls to validate
the efficiency of the extraction
and amplification steps



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



Ready-to-use
reagents



EXTERNAL REFERENCES

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