

Monitor Mycoplasma infections in flocks

- Disease diagnosis
- Vaccination monitoring



Unique indirect quantitative ELISAs - MS, MG & MM

- Recombinant protein-based ELISAs which are very specific for MG, MS and MM: no cross-reactions with other mycoplasmas
- The only commercial ELISAs with an egg yolk protocol offering high agreement with serum results
- Egg yolk samples are easily obtained and collection is less stressful for layers



Diagnosis of MG/MS with the ID Gene™ qPCR

- 100% exclusivity: no risk of false positive results
- Freeze-dried format available: ambient temperature shipping and 24-month shelf-life
- Protocol of direct lysis (extraction not required)

With you at every step



ELISA RANGE

→ Diagnose disease and monitor vaccination with our specific and sensitive range of mycoplasma iELISAs

A range of indirect ELISAs for the detection of antibodies directed against avian mycoplasma pathogens in chicken and turkey serum or egg yolk samples. The tests may be used for disease diagnosis or vaccine monitoring thanks to results expressed as titers.

ID Screen® *Mycoplasma gallisepticum* Indirect

Product code - **MG**

- + Use to monitor vaccination with 6/85, F and TS-11 vaccines
- + The only commercial ELISA which detects antibodies to the 6/85 vaccines, as of 4 weeks post vaccination

ID Screen® *Mycoplasma synoviae* Indirect

Product code - **MS**

- + Detect seroconversion as early as RSA*
- + Monitor vaccination with MS-H vaccines

* Rapid Slide Agglutination

ID Screen® *MG/MS* Indirect

Product code - **MG/MS**

- + Ideal for use as a screening test

ID Screen® *Mycoplasma meleagridis* Indirect

Product code - **MM**

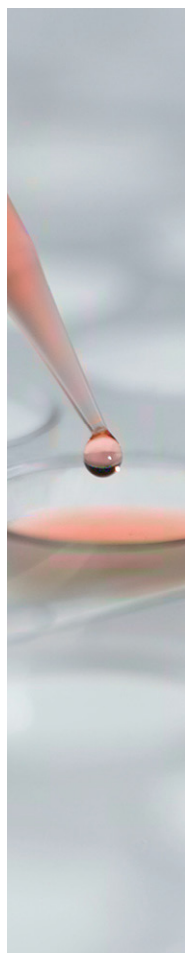
- + Screen turkey or chicken samples with the same kit

→ Control the quality
of your results

- Ready-to-use pool of chicken serum containing significant and known antibody levels against mycoplasma (for use with the MG/MS combo kit).
Product code - **MRIPOS-BIRD-RTU-A**
- Ready-to-use pool of chicken serum containing significant and known antibody levels against mycoplasma (for use with the individual MG and MS kits).
Product code - **MRIPOS-BIRD-RTU-B**
- Ready-to-use pool of specific pathogen free (SPF) chicken serum.
Product code - **MRINEG-BIRD-RTU**

→ Advantages

- **No cross-reactions** between mycoplasmas thanks to the use of recombinant proteins
- **Reliable** : the best combination of sensitivity and specificity among commercial mycoplasma ELISAs
- Detect **IgG and IgM antibodies**, allowing for early and long-term antibody detection and high sensitivity
- All kits may be used with the chloroform-free egg yolk protocol developed by Innovative Diagnostics





→ Detect the mycoplasma strain using the most reliable MG/MS qPCR

The ID Gene® MG/MS Triplex is a qualitative triplex test. It simultaneously amplifies a target sequence in *Mycoplasma synoviae* (MS) or *Mycoplasma gallisepticum* (MG) bacterial genome and an endogenous control. This kit may be used to test tracheal and oropharyngeal swabs, or nucleic acid storage cards (individual samples or pools of up to 5).



■ **Rapid amplification protocol**

Results in one hour



■ **Reliable**

Include an endogenous internal control to check cell lysis and sample quality

Excellent exclusivity: no cross-reactions observed (over 30 strains tested in an external study, made by an Italian reference laboratory)

High inclusivity: detects all MG and MS field and vaccine strains

Include a positive control to validate the efficiency of the extraction and amplification steps



■ **Convenient**

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

The kit may be used with the direct lysis protocol which saves considerable time



■ **Practical**

Ready-to-use reagents

Includes a single positive control containing both MG and MS

Freeze-dried format available: ambient temperature shipping and 24-month shelf-life

Versatile: can be used with nucleic acid storage card samples



THE IDVET MYCOPLASMA DIAGNOSTIC RANGE

WHICH TEST TO CHOOSE?



Antibody detection
by ELISA 

Pathogen
detection by PCR 

DISEASE DIAGNOSIS
& VACCINE MONITORING

DISEASE DIAGNOSIS

MG/MS

MG

MS

MM

IDMGMS

→ Specifications

PRODUCT CODE	PRODUCT NAME	METHOD	FORMAT	REACTIONS
MG/MS-5P	ID Screen® MG/MS Indirect	Indirect ELISA	5 plates	480
MG/MS-10P			10 plates	960
MG-5P	ID Screen® Mycoplasma gallisepticum Indirect	Indirect ELISA	5 plates	480
MG-10P			10 plates	960
MS-5P	ID Screen® Mycoplasma synoviae Indirect	Indirect ELISA	5 plates	480
MS-10P			10 plates	960
MM-5P	ID Screen® Mycoplasma meleagridis Indirect	Indirect ELISA	5 plates	480
MM-10P			10 plates	960
MRIPOS-BIRD-RTU-A	Ready-to-use multi-positive chicken serum (for use with the MG/MS combo kit)		5 mL – 50 reactions	
MRIPOS-BIRD-RTU-B	Ready-to-use multi-positive chicken serum (for use with the individual MG and MS kits)		5 mL – 50 reactions	
MRINEG-BIRD-RTU	Ready-to-use pool of SPF chicken serum		5 mL – 50 reactions	
IDMGMS-50	ID Gene® MG/MS Triplex	qPCR - Triplex	-	50
IDMGMS-100	Liquid format		-	100
IDMGMS-50FD	ID Gene® MG/MS Triplex	qPCR - Triplex	-	50
IDMGMS-100FD	Freeze-dried format		-	100