

# Mycoplasma gallisepticum antibody test

## MG-Ab

*Mycoplasma gallisepticum* (MG) infection occurs naturally in chickens and turkeys. It is commonly described as the chronic respiratory disease (CRD) of chicken or infectious sinusitis of turkeys. Economical loss due to reduced growth, reduced egg-production and increased medication costs make this infection one of the most costly diseases confronting the poultry industry. It appears to have a world wide distribution. The most characteristic signs of the disease are respiratory rales, coughing, nasal discharge in chickens and sinusitis in turkeys. Other natural hosts and carriers can be pheasants, partridges, peafowl, quails, parrots, ducks and geese. The infection usually does not give lifelong protective immunity and the correlation between the presence of antibodies and the protection against the disease is weak.

SVANOVIR® MG-Ab ELISA is developed to detect *Mycoplasma gallisepticum* specific antibodies in both serum and egg yolk.

Article No.:	10-1300-02
Kit format:	2-plate package size
No of tests:	192
No of samples:	184 (wells for kit controls excluded)

<b>Application Area:</b>	Diagnostics
	Estimation of vaccine efficacy
<b>Characteristics:</b>	Blocking ELISA
	Rapid (less than 1.5 hours)
	Multispecies assay
	For test of individual and pooled (up to 5 sera) serum samples as well as egg yolk
	No cross-reactivity with other common avian pathogens
	Relative sensitivity to HI: 98%
	Specificity (SPF chickens): 100%
	Analytic sensitivity: 7 days post infection