

Mycoplasma synoviae antibody test

MS-Ab

Mycoplasma synoviae (MS) infection most frequently occurs as a subclinical upper respiratory tract infection, but combined with Newcastle disease (ND) or Infectious bronchitis (IB) air sacs may also be infected. When becoming systemic, symptoms of infectious synovitis are common. MS has worldwide distribution.

MS infection occurs naturally in chicken, turkeys, guinea fowl and less frequently in ducks, geese, pigeons, Japanese quail and partridges. The severity of the clinical symptoms depends on the virulence of the isolate and is intensified by vaccination against NDV or IBV and bad hygienic conditions. Symptoms of the acute infection are generally seen when chicken are 4-16 weeks old and in turkeys when they are 10-24 weeks old. This is followed by a chronic infection often persisting during the whole life of the flock. The chronic stage may be seen at any age, often without any sign of acute infection. 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® MS-Ab ELISA is developed to detect *Mycoplasma synoviae* specific antibodies in both serum and egg yolk.

Article No.:	10-1400-02
Kit format:	2-plate package size
No of tests:	192
No of samples:	184 (wells for kit controls excluded)

Application Area: Diagnostics

Confirmation test for rapid plate agglutination test (RPA)

Characteristics: 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 RAP: 71%

Specificity (SPF chickens): 100%

Analytic sensitivity: 10 days post infection