

***Mycoplasma bovis* Monoclonal Antibodies**

ORDERING INFORMATION

Catalog No.: 18201, 18202, 18203,
18204

Size: 1 ml ascites or 1 mg Protein G-
purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: *Mycoplasma bovis* cells.

Host Species: Mouse

Antibody Class: 18202 = IgG2a
18201, 18203, 18204 = IgG1

Stabilizers: None

Preservatives: None. Available on
request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
18201	20.7	1:409,600
18202	32.0	1:102,400
18203	21.8	1:409,600
18204	28.7	1:409,600

* Determined by radial immunodiffusion
for several lots of ascites.

**ELISA is an indirect assay against
Mycoplasma bovis cells on the solid
phase. Titers represent endpoint
dilutions that achieve absorbance
values ≥ 0.1 .

SPECIFICITY

These antibodies specifically recognize
Mycoplasma bovis. They do not cross-
react with *Mycoplasma bovisgenitalium*,
Mycoplasma californicum, *Strep.*
agalactiae, *Staph. aureus* or *E. coli*.

APPLICATIONS

These antibodies may be used in
immunoassays to detect and quantitate
Mycoplasma bovis. Other applications
are under investigation.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is
identical to that used in the assay
system.

STORAGE AND STABILITY

These antibodies are stable for at least
one (1) year at -20°C to -70°C . Store
product in appropriate aliquots to avoid
multiple freeze-thaw cycles.

For in vitro investigational use only.

*Not for use in therapeutic or diagnostic
procedures.*