

Anti-Bovine Immunoglobulin Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 14101-14104

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

SPECIFICATION SUMMARY

Antigen: Purified bovine immunoglobulin.

Host Species: Mouse

Antibody Class: IgG1

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
14101	20.8	1 : 16,000
14102	16.9	1: 64,000
14103	9.4	1: 32,000
14104	16.4	1: 32,000

* Determined by radial immunodiffusion for several lots of ascites.

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

SPECIFICITY

These antibodies do not cross-react with immunoglobulin of the following species: canine, equine, feline, rabbit, sheep, porcine, donkey, guinea pig, goat, or human.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate bovine immunoglobulin. 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.