

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## 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  $\geq 0.1$ .

### 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  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . 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.*