

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Group A Streptococcus Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 15501-15504.

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

SPECIFICATION SUMMARY

Antigen: UV-inactivated Group A Streptococcus cells.

Host Species: Mouse

Antibody Class: 15501, 15504 = IgG2a; 15502 = IgG1; 15503 = IgG2b.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
15501	19.6	1: 512,000
15502	13.4	1: 64,000
15503	13.8	1: 32,000
15504	21.3	1: 12,800

* Determined by radial immunodiffusion for several lots of ascites.

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

SPECIFICITY

These antibodies do not cross-react with Streptococcus groups B-G, *Streptococcus pneumoniae*, *Staphylococcus aureus*, *Corynebacterium diphtheriae*, *Streptococcus salivarius*, *Micrococcus mucilagines*.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate Group A Streptococci. 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.