

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Group B Streptococcus Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 15601-15606.

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

SPECIFICATION SUMMARY

Antigen: A pool of UV-inactivated Group B Streptococcus cells, types Ia, Ib, Ic, II, and III.

Host Species: Mouse

Antibody Class: 15601- 15604 = IgG1;
15605, 15606 = IgG2a.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
15601	22.0	1: 3,200
15602	22.9	1: 32,000
15603	21.8	1: 64,000
15604	17.1	1: 16,000
15605	30.7	1: 128,000
15606	14.6	1: 128,000

* Determined by radial immunodiffusion for several lots of ascites.

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

SPECIFICITY

These antibodies do not cross-react with Streptococcus groups A, C-G, *Staphylococcus aureus*, *Lactobacillus acidophilus*, *Peptococcus prevotii*, *Chlamydia trachomatis*.

APPLICATIONS

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