

Group B *Streptococcus* Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
15601	HSB11-206.4	IgG1	100ug, 500ug	156101	All 6 clones
15602	HSB11-209.5	IgG1	100ug, 500ug		
15603	HSB11-222.4	IgG1	100ug, 500ug		
15604	HSB11-238.6	IgG1	100ug, 500ug		
15605	HSB12-396.1	IgG2a	100ug, 500ug		
15606	HSB12-425.2	IgG2a	100ug, 500ug		

Format: Protein G-purified antibody in PBS, pH 7.4

BACKGROUND

Group B *Streptococci* (GBS) are found in about 25% of all healthy adults and pregnant women in the intestine, vagina, and rectal area. Most women who are carriers of the bacteria do not show any symptoms; however, under certain circumstances, infection of both the mother and/or the newborn can develop. In newborns, if the GBS infection develops in the first week of life, it is termed early-onset disease. If the GBS infection develops from 1 week to 3 months of age, it is referred to as late-onset disease. On average, approximately 1,000 babies in the United States develop early-onset disease each year, with similar rates for late-onset disease.

SPECIFICATION SUMMARY

Antigen: Pool of the following UV-inactivated Group B *Streptococci*: Type Ia (ATCC #12400), Type Ib (ATCC #12401), Type Ic (ATCC #27591), Type II (ATCC #12973), and Type III (ATCC #12403).

Host Species: Mouse

Specificity: These antibodies recognize Group B *Streptococci*. They do not cross-react with *Streptococcus* groups A, C through G, *Staphylococcus aureus*, *Lactobacillus acidophilus*, *Peptococcus prevotii*, or *Chlamydia trachomatis*.

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect Group B *Streptococci*. Endusers should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

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

STORAGE AND STABILITY

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

For in vitro investigational use only. Not intended for use in therapeutic or diagnostic procedures.