



Meridian

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C01962R **Lot #:** 3L35419

Description: MAb (Rab) to *Streptococcus* B
Rabbit Monoclonal Antibody to Group B *Streptococcus*

Specificity: Group B *Streptococcus* carbohydrate. Reacts with all GBS strains tested; no cross reactivity with *Streptococci* groups A, C, D, F and G. Also no cross reactivity with *Chlamydia*, *E. coli* and *Listeria*.

Host Animal: Rabbit **Isotype:** IgG₁

Source: Cell culture via transient transfection.

Immunogen: Lancefield Group B *Streptococcus* carbohydrate antigen.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 2.99 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA. This antibody reacts with the GBS Lancefield carbohydrate antigen found on the surface of the bacterium. It can be released from specimens by extraction and detected via Immunoassay methods. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended antibody pairs for the applications noted above:

<u>Capture</u>	<u>Detection</u>
C01962R	C01962R -- Self-Pairing

Storage: Store at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dun

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY