

**BP1068P****Polyclonal Antibody to Streptococcus group B - Aff - Purified****Quantity:**

1 ml

**Concentration:**

1.0 mg/ml (OD280 nm, E0.1% = 1.4)

**Background:**

Streptococci form part of the normal human flora that resides on the skin, and can also colonise the respiratory, gastrointestinal, and genitourinary tracts. Streptococci can cause a range of diseases, from the less serious but common sore throats and skin infections to life threatening conditions such as necrotising fasciitis. Different streptococcal species are involved in human disease, broadly categorised as pus forming or pyogenic streptococci, non pus forming or non pyogenic streptococci, and *Streptococcus pneumoniae*.

Streptococci are classified into Lancefield serotypes by their cell wall polysaccharide antigens. Group A are primarily pathogens. Group B streptococci (including *Streptococcus agalactiae*) are the leading bacterial causes of human neonatal illness and death causing opportunistic invasive disease in pregnant women such as preterm labour, membrane rupture and urinary tract infections and sepsis and meningitis in newborns.

**Host:**

Rabbit

**Immunogen:**

Streptococci, group B

**Format:****State:** Liquid purified Ig fraction.**Purification:** Immunoaffinity Chromatography.**Buffer System:** 0.01M PBS, pH 7.2, containing 0.09% Sodium azide as preservative without stabilizing proteins.**Applications:**Suitable for use in **Immunofluorescence**.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**Reacts with Type specific Carbohydrate of group B *Streptococcus*.

Does not react with other Strep groups.

**Storage:**

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.