
Product Datasheet

Protein G antibody (Peroxidase) (orb344737)

Description

Protein G antibody (Peroxidase)

Species/Host

Rabbit

Conjugation

HRP

Tested Applications

DOT, ELISA

Immunogen

Protein G [Streptococcus species]

Preservatives

0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

Anti-Protein G Peroxidase Conjugated Antibody has been tested by dot blot and is suitable to be assayed against 1.0 ug of Protein G [Streptococcus species] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.

Isotype

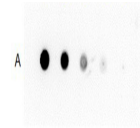
IgG

Clonality

Polyclonal

Purity

Anti- Protein G is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Protein G [Streptococcus species]. Cross reactivity against Protein G from other tissues and species may occur



Dot Blot Results of Anti-Protein G Antib...