Datasheet for ABIN964519

Protein A Protein

1 Image

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Overview

Quantity:	5 mg
Target:	Protein A
Origin:	Staphylococcus aureus
Host:	Please inquire
Protein Type:	Native
Application:	Conjugation (Con)

Product Details

Specificity:	Protein A is chromatographically pure and shows predominantly a single band by SDS-PAGE. Greater than 95% of the A280 material binds to Human IgG.
Sterility:	Sterile filtered

Target Details

Target:	Protein A
Abstract:	Protein A Products
Background:	Protein A is a surface protein (approximately 56kDa in size) originally discovered within the cell wall of Staphylococcus aureus. While important for bacterial survival, Protein A has beneficial uses in immunology for its high affinity binding to immunoglobulins (especially the IgG isotype). This high affinity property makes Protein A essential in the large scale purification of antibodies. Synonyms: ProA, Staphylococcus A protein

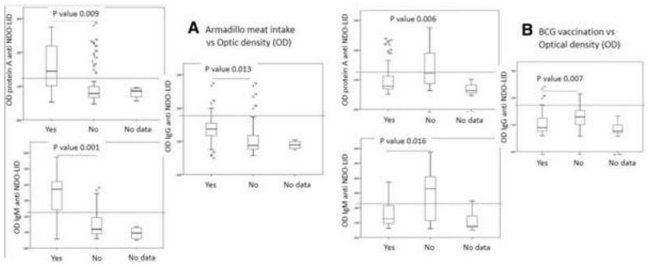
Application Details

Application Notes:	Protein A is suitable for use as an antigen, as a control or standard in assays, for conjugation and for most other immunological methods. This recombinant Protein A contains only IgG binding domains, ensuring maximum specific IgG binding.
Comment:	Protein A is suitable for use as an antigen, as a control or standard in assays, for conjugation and for most other immunological methods. This recombinant Protein A contains only IgG binding domains, ensuring maximum specific IgG binding.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 5.0 mL
Storage:	4 °C
Expiry Date:	12 months

Images



ELISA

Image 1. Impact of behavioral variables on M. leprae infection levels. Anti-natural octyl disaccharide-leprosy IDRI diagnostic (NDO-LID) antibody levels in children and adolescents were measured by ELISA, using either protein A, anti- IgM or anti-IgG to detect responses. In a, samples were stratified by recorded knowledge of eating armadillo meat as either yes (n =14) or no (n =64). In b, samples were stratified by recorded knowledge of BCG re-vaccination following identification of the index leprosy case as either yes (n =54) or no (n =16). Data are displayed as box and whisker plots, with the box representing the Q1 to Q3 interquartile range and the horizontal bar representing the median of the optical density of the samples. Individual dots indicate outliers, and p-values are indicated by the lines above each indicated group. Fig 2. PMID: 31196008.