

Recombinant Protein A/G/L

Catalog #: 1006-01

Lot #: See label

PrimeGene™
a biotechne brand

Description

Molecular Weight:

Approximately 89.2 kDa, a single non-glycosylated polypeptide chain containing 805 amino acids.

Source:

Escherichia coli.

Quantity:

1mg/5mg/100mg/1g

Protein per Gram Powder:*

See Label.

Concentration for 1 unity OD at 280 nm:

1.413 mg/ml

Specification

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Purity:

> 95 % by SDS-PAGE and SEC-HPLC analyses.

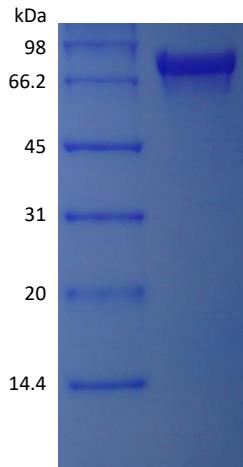
Specificity:

The recombinant Protein A/G/L is a genetically engineered protein containing 5 IgG-binding regions of protein A, 2 of protein G and 5 of Protein L. Cell wall binding region, cell membrane binding region and albumin binding region have been removed from the recombinant

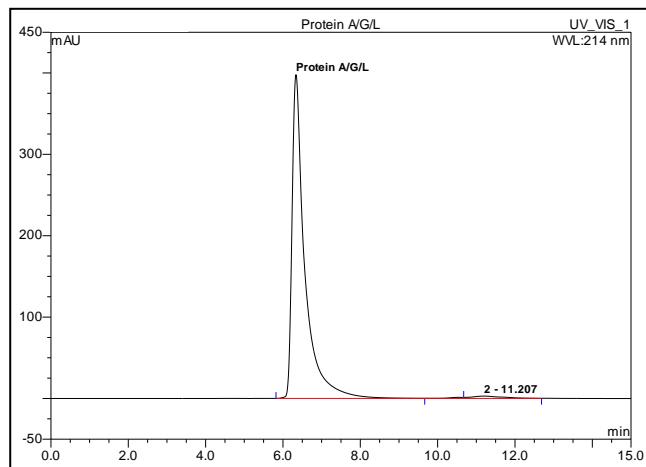
Background

Protein A/G/L is a genetically engineered protein that combines the IgG binding profiles of all Protein A, Protein G and Protein L. It is a gene fusion product. Recombinant fusion protein A/G/L contains five Ig-binding regions of protein L, five IgG binding domains from Protein A, and two Ig-binding region of protein G. Cell wall binding regions, albumin binding regions and other non-specific binding regions have all been eliminated from the fusion protein to ensure the maximum specific IgG binding.

SDS-PAGE



SEC-HPLC



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