

Native Human IgA protein

Basic information:

Catalog No.:	UB0008	Species:	Human
Expression Host:	<i>Native</i>	Type:	Full length protein

Useful Information:

Purity:

> 90 % as determined by SDS-PAGE

Formulation:

Liquidin PBS pH7.4, containing 5% glycerin and 0.05% Proclin 300.

Biological Activity

N/A

Endotoxin:

N/A

Storage:

Proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

Reconstitution:

According to the application.

Description:

Human IgA (immunoglobulin A) is a glycosylated protein of 160 kDa and is produced as a monomer or as a J chain linked dimer. Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells.

Note:

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