

# CERTIFICATE OF ANALYSIS

## Product Information Datasheet

### NATIVE HUMAN IgA

Catalog Number: MBS238036

**BATCH NUMBER 156226**

<b>Description:</b>	NATIVE HUMAN IgA
<b>Name:</b>	IgA
<b>Format:</b>	Purified
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	5 mg

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			
Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.				

<b>Target Species</b>	Human
<b>Product Form</b>	Purified protein from human colostrum - liquid
<b>Preparation</b>	Precipitation and gel filtration
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.9 mg/ml

#### External Database Links

##### UniProt:

[P01877](#)

[P01876](#)

##### Entrez Gene:

[3494](#) IGHA2

[3493](#) IGHA1

**Product Information** Native human IgA may be used as a reference antigen, standard, blocking agent or coating protein in a variety of immunoassays including ELISA.

**Purity** HPLC: >95%

<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.</p> <p>Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation available upon request.</p> <p>Donor material tested and found negative for HIV, HCV and HBsAg.</p> <p>As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.</p>
<b>Regulatory</b>	For research purposes only

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