

Datasheet: 5275-5504

BATCH NUMBER 171513

Description:	NATIVE HUMAN IgM
Name:	IgM
Format:	Purified
Product Type:	Antigen
Quantity:	5 mg

Product Details

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. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	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.

Target Species	Human
Product Form	Purified immunoglobulin from human plasma - lyophilized
Reconstitution	Reconstitute with 1ml 250mM Sodium Chloride. Further dilutions may then be made in sterile Phosphate Buffered Saline. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Purified IgM prepared by delipidation, salt fractionation and ion-exchange chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	None present.
Approx. Protein Concentrations	5.0 mg/ml after reconstitution

**External Database
Links**

UniProt:

[P01871](#) [Related reagents](#)

Entrez Gene:

[3507](#) IGHM [Related reagents](#)

RRID AB_872062

Product Information **Native Human IgM** is purified from human plasma and demonstrated a single band in electrophoresis. Native Human IgM has been used as the IgM antigen in the development of a sensitive ELISA assay for the measurement of IgM in human samples.

Purity >95% (Single band in high resolution protein electrophoresis on Sebia agarose gel). IgM and kappa light chain confirmed via Sebia agarose immunofixation. This product may contain traces of other plasma proteins, including IgGs.

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

**Health And Safety
Information** Material Safety Datasheet documentation #10302 available at:
<https://www.bio-rad-antibodies.com/SDS/5275-5504>

Donor material tested and found negative for HIV1 antigen, HIV antibodies and HBsAg.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious

Regulatory For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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