

Datasheet: 5275-5504

**BATCH NUMBER 153383**

<b>Description:</b>	NATIVE HUMAN IgM
<b>Name:</b>	IgM
<b>Format:</b>	Purified
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified immunoglobulin from human plasma - lyophilized
<b>Reconstitution</b>	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.
<b>Preparation</b>	Purified IgM prepared by delipidation, salt fractionation and ion-exchange chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	None present.
<b>Approx. Protein Concentrations</b>	5.0 mg/ml after reconstitution

**External Database  
Links**

**UniProt:**

[P01871](#)

[Related reagents](#)

**Entrez Gene:**

[3507](#)

IGHM

[Related reagents](#)

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**RRID**

AB\_872062

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**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.

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**Purity**

>95% Single band in high resolution protein electrophoresis on Sebia agarose gel. Confirmation of IgM and kappa light chain via Sebia agarose immunofixation.

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety  
Information**

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

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

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**Regulatory**

For research purposes only

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**North & South  
America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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

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