

Datasheet: 5850-2004

Description:	NATIVE HUMAN ALPHA 2 MACROGLOBULIN
Name:	ALPHA 2 MACROGLOBULIN
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 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 alpha 2 macroglobulin from human serum - liquid
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.1M Sucrose
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
External Database Links	<p>UniProt: P01023 Related reagents</p> <p>Entrez Gene: 2 A2M Related reagents</p>
Synonyms	CPAMD5
Product Information	Alpha 2 macroglobulin, also known as α2-macroglobulin and abbreviated as α2M and

A2M, is a tetrameric glycoprotein produced in the liver and found in blood. It is involved in proteinase inhibition via a unique "trapping" mechanism.

Protein Molecular Weight

725 kDa

Purity

>96% by SDS PAGE

References

1. Barret, A. J. *et al.* (1981) Alpha 2-macroglobulin. [Methods Enzymol 80: 737-754.](#)

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10153 available at:
10153: <https://www.bio-rad-antibodies.com/uploads/MSDS/10153.pdf>

Donor material tested and found negative for HIV1 and 2 antibodies, HBsAg and HCV antibodies.

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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