

Datasheet: 6450-1104

Description:	NATIVE HUMAN MYOGLOBIN
Name:	MYOGLOBIN
Format:	Purified
Product Type:	Purified Protein
Quantity:	0.25 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 the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified protein from human heart - liquid
Preservative Stabilisers	None present.
Approx. Protein Concentrations	1 mg/ml

External Database Links

UniProt:

[P02144](#) [Related reagents](#)

Entrez Gene:

[4151](#) MB [Related reagents](#)

Product Information

Native Human Myoglobin is a heme containing oxygen carrier that stores oxygen in muscles. It consists of a single polypeptide chain with a molecular weight of ~16 kDa. Sequence analysis shows that it is structurally related to haemoglobin. Following myocardial infraction myoglobin is lost from cardiac muscle cells and its presence in

serum may be used as a diagnostic indicator.

Purity SDS PAGE: >99%

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 #10078 available at:
10078: <https://www.bio-rad-antibodies.com/uploads/MSDS/10078.pdf>

Donors were tested and found negative for HBsAg, HCV, syphilis and HTLV by FDA approved methods.

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

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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