

Datasheet: 6450-1104

**BATCH NUMBER 150426**

<b>Description:</b>	NATIVE HUMAN MYOGLOBIN
<b>Name:</b>	MYOGLOBIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	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](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 the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified protein from human heart - liquid
<b>Preservative Stabilisers</b>	None present.
<b>Approx. Protein Concentrations</b>	1 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P02144</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">4151</a> MB    <a href="#">Related reagents</a></p>

**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:  
<https://www.bio-rad-antibodies.com/SDS/6450-1104>  
10078

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](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)

'M363368:200528'

**Printed on 25 Mar 2023**

---

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)