

BA462**Native Human Myoglobin****Alternate names:**

MB

Quantity:

0.25 mg

Concentration:

1 mg/ml

Background:

Whereas haemoglobin is the carrier of oxygen, myoglobin stores oxygen in the tissues. Like hemoglobin, it also contains a noncovalently bound heme group. The molecule of myoglobin consists of a single polypeptide chain with molecular weight of 16,000 and sequence analysis shows that it has similarities with haemoglobin. Following myocardial infraction myoglobin is lost from cardiac muscle cells and its presence in serum may be used as a diagnostic indicator.

Uniprot ID:[P02144](#)**NCBI:**[NP_005359.1](#)**GeneID:**[4151](#)**Species:**

Human

Source:

Heart

Format:**State:** Liquid purified protein**Purity:** >99% by SDS - PAGE**Preservatives:** None**Stabilizers:** None**Applications:****ELISA.**

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Storage:

Store the product (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.