

# Myoglobin, Human Heart

04/21

**CATALOG NO:** P1724-100 100 µg  
P1724-200 200 µg

**ALTERNATE NAMES:** PVALB; MB

**MOL. WT.** 17 kDa

**NCBI GENE ID:** 4151

**ACCESSION NO.:** P02144

**PURITY:** ≥ 99% by SDS-PAGE

**SOURCE:** Human heart tissue

**FORM:** Liquid

**FORMULATION:** Liquid, in 50 mM sodium phosphate, 0.15 M NaCl, pH 7.5, 0.09% sodium azide

**STORAGE CONDITIONS:** Store at 4 °C.

**DESCRIPTION:** Myoglobin is an oxygen carrier predominantly expressed in skeletal and cardiac muscle cells. The monomeric protein is responsible for the storage and facilitated transport of oxygen from the cell membrane to mitochondria. Myoglobin also plays a role in regulating nitric oxide levels.

**INFECTIOUS DISEASE TESTING:** Human donor material was tested and found to be negative for HIV-1 and HIV-2, HBsAg, and HCV by current FDA approved methods.

## RELATED PRODUCTS:

Myoglobin (Human) ELISA Kit (Cat. No. E4326)  
Recombinant Human Myoglobin (Cat. No. P1607)  
Anti-Myoglobin Capture Antibody (Cat. No. A2096)  
Human Recombinant Troponin T (Cat. No. P1608)  
Human Recombinant Cardiac Troponin I (Cat. No. P1705)  
Anti-Myoglobin Detection Antibody (Cat. No. A2097)

***FOR RESEARCH USE ONLY! Not to be used on humans.***