



# DataSheet

**CATALOGUE #:** 8M50

**PRODUCT NAME:** Myoglobin

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**Source:** Human heart tissue.  
Blood samples from donors were tested and found to be negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis.

**Applications:** Myoglobin is suitable as a reference or standard in immunoassay for early diagnosis of acute myocardial infarction, immunogen for antibody production, immunological and mass myoglobin standard, myoglobin biochemical and immunochemical studies, labeling.

**Analysis:** Purity > 95 % (SDS-PAGE).  
Immunological activity confirmed by reaction with monoclonal antibody specific for human myoglobin.

**Presentation:** Lyophilized from protein solution in 20 mM Tris-HCl, pH 8.5.  
It is recommended to reconstitute this product with deionized water to its initial concentration.

**Storage:** Lyophilized and reconstituted at -20 °C (-15 ... -30 °C allowed)

**Other information:** In the year 2001 HyTest's myoglobin preparation was selected by International Federation of Clinical Chemistry as an International Standard Material.

**Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

**HyTest Ltd.**

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