

# ***Life Diagnostics, Inc.***

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## ***Rabbit Cardiac Myoglobin***

Catalog No.	7720
Analysis	SDS PAGE: Single 17 kDa band
Purity	≥95%
Concentration	0.25 - 10 mg/ml (Bradford assay vs. BSA)
Buffer	50% Glycerol, 75 mM NaCl, 5 mM sodium phosphate, 0.025% NaN <sub>3</sub> (pH 7.2)
Storage	-20°C (do not store at lower temperatures)
Source	Rabbit heart

Myoglobin is a single-chain heme containing protein with a molecular weight of ~17kDa. It is the primary oxygen-carrying protein of muscle tissues. The same isoform is expressed in both cardiac and skeletal muscle. It is a sensitive biomarker for muscle injury and has been widely used as a marker of heart disease. Myoglobin is purified using a combination of gel-filtration and ion-exchange chromatography steps.

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