

PRODUCT SPECIFICATIONS

Name	Recombinant Myoglobin, 100 µg
Description	Recombinant human myoglobin protein with a C-terminal histidine tag. Predicted molecular weight: 19 kDa.
Amino acid sequence	MGLSDGEWQLVLNVWGKVEADIPGHGQEVLRIRLFKGHPEKLEKFDKFKHLKSEDEMKASEDLKKHG ATVLTALGGILKKKGHHEAEIKPLAQSHATKHKIPVKYLEFISECIIQVLQSKHPGDFGADAQGAMNK ALELFRKDMASNYKELGFQGLEHHHHHH
Production host	<i>Escherichia coli (E. coli)</i>
Product code	610030
Product formulation	Lyophilized from 0.2 µm filtered solution
Product buffer	50 mM Tris-HCl, pH 8.0; 150 mM NaCl; containing 3 % sucrose, 2 % D-mannitol and 0.01 % Tween 20 as stabilizers
Reconstitution	Reconstitute lyophilized protein with 200 µl of deionized water
Shelf life and storage	Shelf life unspecified, storage at 2-8 °C
Analyte description	Myoglobin is a single-chain globular protein, containing a heme prosthetic group in the center around which the remaining apoprotein folds. It is the primary oxygen-carrying pigment of muscle tissues. Myoglobin is a sensitive marker for muscle injury.
Product concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Purity	SDS-PAGE 
Reactivity with MedixMABs	Anti-h Myoglobin 7001: + Anti-h Myoglobin 7004: + Anti-h Myoglobin 7005: +

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