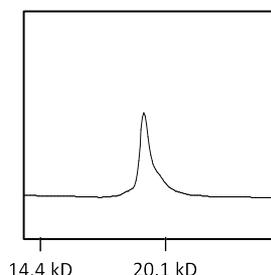


## Recombinant Myoglobin, 100 µg

|                                |   |
|--------------------------------|---|
| <b>Catalog number</b>          | 610030  |
| <b>Description</b>             | Recombinant human myoglobin protein with a C-terminal histidine tag.<br>Predicted molecular weight: 18 kDa.   |
| <b>Amino acid sequence</b>     | MGLSDGEWQLVLNVWGKVEADIPGHGQEVLRIRLFKGGHPETLEKFDKFKHL<br>KSEDEMKASEDLKKHGATVLTALGGILKKKGHHEAEIKPLAQSHATKHKIP<br>VKYLEFISECIIQVLQSKHPGDFGADAQGAMNKALELFRKDMASNYKELGF<br>QGLEHHHHHH  |
| <b>Product host</b>            | <i>Escherichia coli (E. coli)</i>   |
| <b>Product formulation</b>     | Lyophilized   |
| <b>Product buffer solution</b> | Lyophilized from 50 mM Tris-HCl, pH 8.0; 150 mM NaCl; containing 3 % sucrose, 2 % D-mannitol and 0.01 % Tween 20 as stabilizers   |
| <b>Reconstitution</b>          | Reconstitute the lyophilized protein with deionized water   |
| <b>Shelf life and storage</b>  | Unspecified for lyophilized product, storage at 2-8 °C. After reconstitution 1 week at 2-8 °C and 1 month at -20 °C.  |
| <b>Analyte description</b>     | 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. |
| <b>Product concentration</b>   | N/A   |
| <b>Purity</b>                  | Capillary electrophoresis (CE-SDS)  |



|                          |  |
|--------------------------|--|
| <b>Antibodies tested</b> | Anti-h Myoglobin 7001: +<br>Anti-h Myoglobin 7004: +<br>Anti-h Myoglobin 7005: + |
|--------------------------|--|

