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**SPECIFICATION SHEET**

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|---------------------------------|--|-------------------|---------|
| <b>Product Name:</b>            | Hemoglobin   | <b>Catalog #:</b> | L11012  |
| <b>Description:</b>             | Human Hemoglobin , also spelled haemoglobin and abbreviated Hb or Hgb , is the iron-containing oxygen-transport metalloprotein in the red blood cells of all vertebrates (with the exception of the fish family Channichthyidae) as well as the tissues of some invertebrates. Hemoglobin in the blood carries oxygen from the respiratory organs (lungs or gills) to the rest of the body (i.e. the tissues). There it releases the oxygen to permit aerobic respiration to provide energy to power the functions of the organism in the process called metabolism. |                   |         |
| <b>Source:</b>                  | Human blood  |                   |         |
| <b>Purification:</b>            | >90% pure (SDS-PAGE). Immunoaffinity purified.   |                   |         |
| <b>Concentration:</b>           | 5mg/ml   | <b>Lot:</b>       | L180701 |
| <b>Buffer:</b>                  | 10mM Sodium Phosphate, 150mM Sodium Chloride, pH 7.4   |                   |         |
| <b>Preservative:</b>            | None   |                   |         |
| <b>Applications:</b>            | Specific methodologies have not been tested using this product.  |                   |         |
| <b>Storage&amp; Shelf life:</b> | Store at -20°C for 3 years. Avoid multiple freeze/thaw cycles.   |                   |         |

**FOR RESEARCH USE ONLY**