



The Ultimate Research Partner

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PRODUCT SPECIFICATIONS

Product Name	Hemoglobin protein
Catalog#	NBP0348
Description	Hemoglobin protein, also spelled haemoglobin, iron containing protein in the blood of many animals, in the red blood cells (erythrocytes) of vertebrates that transports oxygen to the tissues. Each hemoglobin molecule is made up of four heme groups surrounding a globin group, forming a tetrahedral structure. Heme, which accounts for only four percent of the weight of the molecule, is composed of a ringlike organic compound known as a porphyrin to which an iron atom is attached.
Formulation	Supplied as a 0.2 μ m filtered solution of PBS, pH7.4
Quality control	Mol Mass: 67 kDa Purity: $\geq 90\%$ as determined by reducing SDS-PAGE
Concentration	Lot specific($\pm 20\%$)
Application	Immunogen, calibrator, standard or other applications
Shipping	The product is shipped on ice pack. Upon receipt, store it immediately at -20°C or lower.
Storage	Short term (up to 7 days) store at $2-8^{\circ}\text{C}$. Long term, store at -20°C . Avoid multiple freeze/thaw cycles.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY