

Product datasheet for **AM20242PU-S**

Hemoglobin Mouse Monoclonal Antibody

Product data:

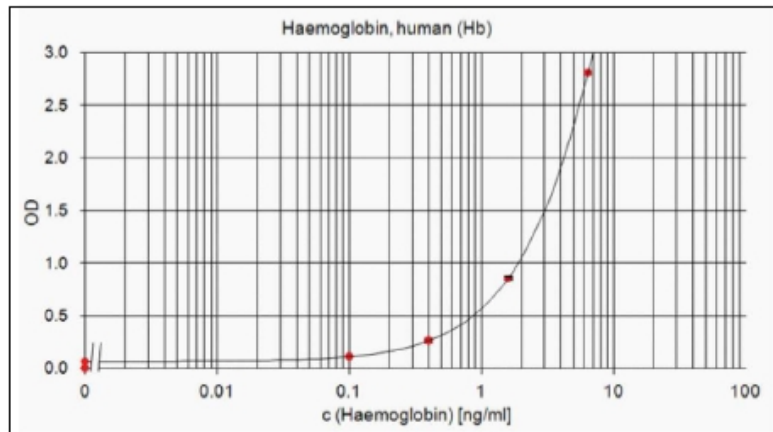
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|------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, R |
| Recommended Dilution: | RIA. ELISA. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human Hemoglobin |
| Specificity: | Recognizes Human Hemoglobin. No cross reactivity was obtained with Bovine, Sheep, Horse or Pig Hemoglobin, Human Albumin, Haptoglobin, Myoglobin or Transferrin. |
| Formulation: | 37mM Citrate, 125mM Phosphate pH 6.0, 0.9% NaCl and 0.09% Sodium Azide State: Purified State: Liquid purified Ig fraction |
| Reconstitution Method: | Restore in aqua bidest to 1 mg/ml |
| Purification: | Affinity Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C. |
| Stability: | Shelf life: One year from despatch. |
| Background: | Hemoglobin is a 66kDa metalloprotein composed of four globular subunits each of which is associated with an iron-containing heme group. The heme group is involved with oxygen transport from the lungs to the tissues and the globin molecule plays a major role in transporting carbon dioxide in the reverse direction. Hemoglobin is found in the erythrocytes of all vertebrates. There is a wide diversity of amino acid sequences and substitutions within mammalian hemoglobins, however the molecular weight is generally around 66kDa with an iron content of about 0.34%. The level of hemoglobin in the blood is used in the diagnosis of anemia; levels in the feces are indicative of various clinical conditions. |



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Synonyms: Haemoglobin

Product images:



ELISA Standard curve showing measurement of Human Hemoglobin in a Sandwich immunoassay using AM20241PU as Capture antibody and AM20242PU as Detection antibody. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can