

## Product Information

### Anti-Human Hemoglobin

produced in rabbit, delipidized, whole antiserum

Catalog Number **H4890**

#### Product Description

Anti-Human Hemoglobin is produced in rabbit using hemoglobin isolated from normal adult human red blood cells as the immunogen. The antiserum has been treated to remove lipoproteins.

Antiserum is determined to be immunospecific for hemoglobin by immunoelectrophoresis and has not been assayed for interspecies cross reactivities. Using immunoelectrophoresis, a minimum dilution of 1:8 shows strong reactivity with human hemoglobin at 1 mg/ml.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antibody preparation followed by diffusion versus anti-rabbit IgG results in a single arc of precipitation in the gamma region and against anti-rabbit whole serum results in multiple arcs of precipitation.

#### Reagent

Supplied as a liquid containing 15 mM sodium azide as preservative.

#### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

#### Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage, clarify by centrifugation before use.

#### Product Profile

Protein Concentration: determined by biuret.

Indirect ELISA a minimum working dilution of 1:8,000 is determined using 5 µg/ml human hemoglobin for coating

**Note:** In order to obtain the best results in various techniques and preparations we recommend determining the optimal working dilutions by titration.

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