

For Research Use Only

Hemoglobin Alpha Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83185-3-PBS



Basic Information

Catalog Number:

83185-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6040

GenBank Accession Number:

BC050661

GeneID (NCBI):

3039

UNIPROT ID:

P69905

Full Name:

hemoglobin, alpha 1

Calculated MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

240049D2

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

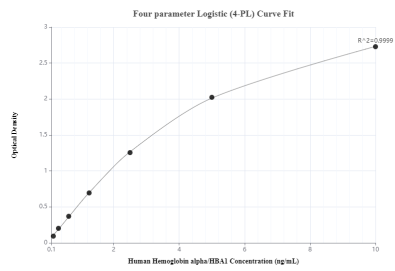
T: 4006900926

E: Proteintech-CN@ptglab.com

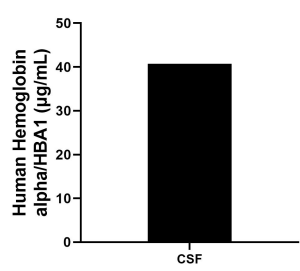
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

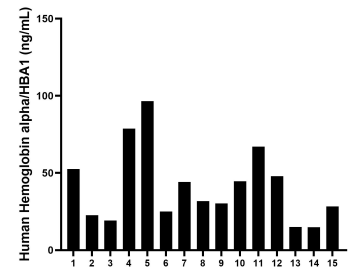
Selected Validation Data



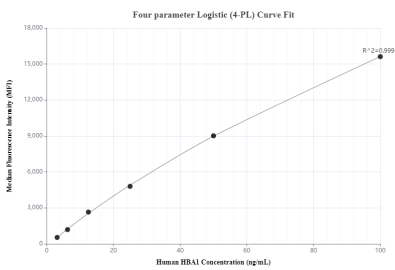
Sandwich ELISA standard curve of MP00239-1, Human Hemoglobin alpha Recombinant Matched Antibody Pair - PBS only. 83185-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6040. 83185-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



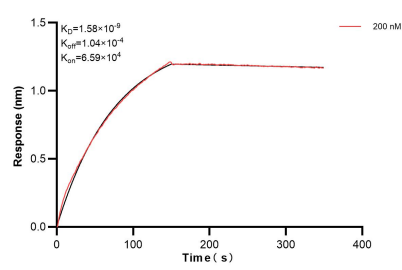
The mean Hemoglobin alpha concentration was determined to be 40.7 µ g/mL in Human CSF



Serum of fifteen individual healthy human was measured. The Hemoglobin alpha concentration of detected samples was determined to be 41.2 ng/mL with a range of 14.8-96.6 ng/mL.



Cytometric bead array standard curve of MP00239-1, Hemoglobin alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83185-3-PBS. Detection antibody: 83185-4-PBS. Standard: Ag6040. Range: 3.125-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83185-3-PBS against Human Hemoglobin Alpha was performed. The affinity constant is 1.58 nM.