

For Research Use Only

HBA1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00239-3

Capture Antibody Information

Catalog Number:
83185-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240049H3

Reactivity:
human

Immunogen Catalog Number:
Ag6040

Conjugate:
Unconjugated

Full name:
hemoglobin, alpha 1

Gene ID:
3039

Detection Antibody Information

Catalog Number:
83185-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240049D2

Reactivity:
human

GenBank:
BC050661

Immunogen Catalog Number:
Ag6040

Conjugate:
Unconjugated

Full name:
hemoglobin, alpha 1

Gene ID:
3039

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00239-3 targets HBA1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Hemoglobin Alpha Recombinant antibody, PBS Only (Capture/Detector) 83185-4-PBS (240049H3). 100 µg. Concentration 1 mg/ml.

Detection antibody: Hemoglobin Alpha Recombinant antibody, PBS Only (Capture/Detector) 83185-3-PBS (240049D2). 100 µg. Concentration 1 mg/ml.

Alternative HBA1 matched antibody pairs: MP00239-1, MP00239-2

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

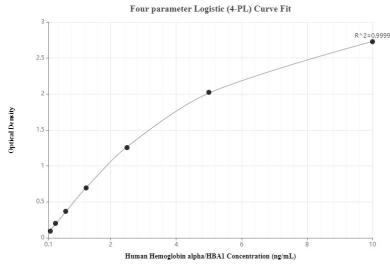
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

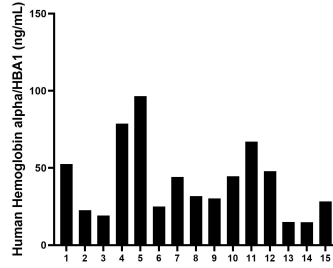
E: proteintech@ptglab.com
W: ptglab.com

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

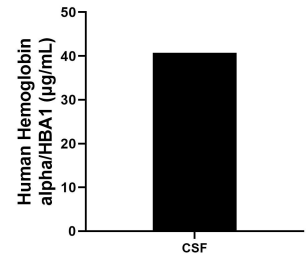
Selected Validation Data



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



Serum of fifteen individual healthy human was measured. The Hemoglobin alpha/HBA1 concentration of detected samples was determined to be 41.2 pg/mL with a range of 14.8-96.6 ng/mL



The mean Hemoglobin alpha/HBA1 concentration was determined to be 40.7 µg/mL in Human CSF