

ACTH Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02726-1

Capture Antibody Information

Catalog Number:

82498-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250672D2

Reactivity:

human

Conjugate:

Unconjugated

Full name:

proopiomelanocortin

Gene ID:

5443

Detection Antibody Information

Catalog Number:

82498-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250672D6

Reactivity:

human

GenBank:

BC065832

Conjugate:

Unconjugated

Full name:

proopiomelanocortin

Gene ID:

5443

Applications

Tested Applications:

Sandwich ELISA

Range:

9.77-625 pg/mL (Sandwich ELISA)

Recommended Dilutions:

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

Product Information

MP02726-1 targets ACTH in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ACTH Recombinant monoclonal antibody, PBS Only (Capture) 82498-4-PBS (250672D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: ACTH Recombinant monoclonal antibody, PBS Only (Detector) 82498-3-PBS (250672D6). 100 µg. Concentration 1 mg/mL.

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:

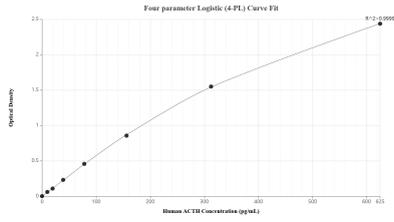
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

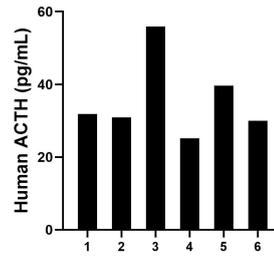
W: ptglab.com

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 MP02726-1, Human ACTH Recombinant Matched Antibody Pair - PBS only. 82498-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02515. 82498-3-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



Plasma of six individual healthy human donors was measured. The ACTH concentration of detected samples was determined to be 35.6 pg/mL with a range of 25.1-55.9 pg/mL.