

For Research Use Only

PrP Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01974-3

Capture Antibody Information

Catalog Number:
85611-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
243104G2

Reactivity:
human

GenBank:
BC012844

Conjugate:
Unconjugated

Full name:
prion protein

Gene ID:
5621

Detection Antibody Information

Catalog Number:
85611-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
243104D5

Reactivity:
human

GenBank:
BC012844

Conjugate:
Unconjugated

Full name:
prion protein

Gene ID:
5621

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP01974-3 targets PrP in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PRNP Recombinant antibody, PBS Only (Capture) 85611-1-PBS (243104G2). 100 µg. Concentration 1 mg/mL.

Detection antibody: PRNP Recombinant antibody, PBS Only (Detector) 85611-6-PBS (243104D5). 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.

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

Storage buffer:

PBS only

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

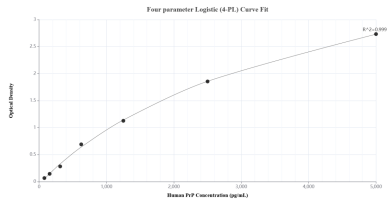
T: 4006900926

E: Proteintech-CN@ptglab.com

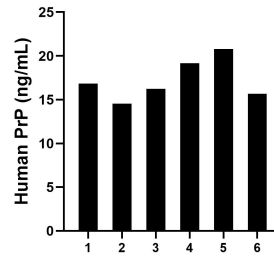
W: ptgcn.com

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

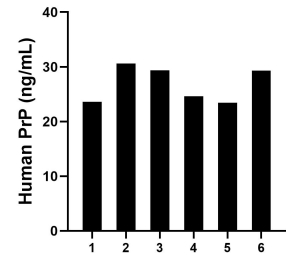
Selected Validation Data



Sandwich ELISA standard curve of MP01974-3, Human PrP Recombinant Matched Antibody Pair - PBS only. 85611-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3359. 85611-6-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The PrP concentration of detected samples was determined to be 17.2 ng/mL with a range of 14.5-20.8 ng/mL.



Cerebrospinal fluid of six individual human donors was measured. The PrP concentration of detected samples was determined to be 26.8 ng/mL with a range of 23.4-30.6 ng/mL.