

SMN Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02580-1**

Capture Antibody Information

Catalog Number:
86668-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251620C4

Reactivity:
human, mouse, rat

Immunogen Catalog Number:
Eg4812

Conjugate:
Unconjugated

Full name:
survival of motor neuron 2, centromeric

Gene ID:
6607

Detection Antibody Information

Catalog Number:
86668-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251620D1

Reactivity:
human

GenBank:
BC015308

Immunogen Catalog Number:
Eg4812

Conjugate:
Unconjugated

Full name:
survival of motor neuron 2, centromeric

Gene ID:
6607

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.312-40 ng/mL (Cytometric Bead Array)
39.1-2500 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

MP02580-1 targets SMN in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: SMN Recombinant monoclonal antibody, PBS Only (Capture) 86668-2-PBS (251620C4). 100 µg. Concentration 1 mg/mL.

Detection antibody: SMN2 Recombinant monoclonal antibody, PBS Only (Detector) 86668-1-PBS (251620D1). 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

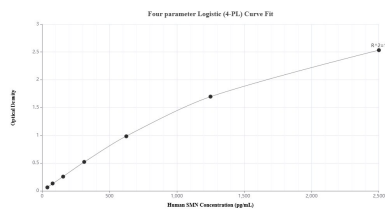
For technical support and original validation data for this product please contact:

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

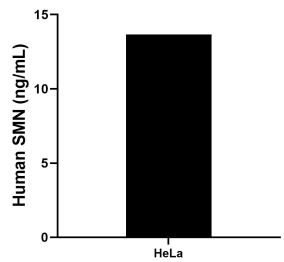
E: proteintech@ptglab.com
W: ptglab.com

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

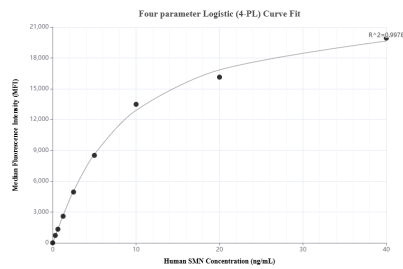
Selected Validation Data



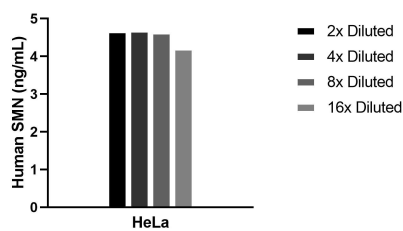
Sandwich ELISA standard curve of MP02580-1, Human SMN Recombinant Matched Antibody Pair - PBS only. 86668-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4812. 86668-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean SMN concentration was determined to be 13.66 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02580-1, SMN Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86668-2-PBS. Detection antibody: 86668-1-PBS. Standard: Eg4812. Range: 0.312-40 ng/mL



The mean SMN concentration was determined to be 4.5 ng/mL in HeLa cell extract based on a 1.1 mg/mL extract load.