

CRP Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02771-2**

Capture Antibody Information

Catalog Number: 86912-2-PBS	Clone ID: 251971C7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: C-reactive protein, pentraxin-related
Isotype: IgG	GenBank: BC125135	Gene ID: 1401
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2448	

Detection Antibody Information

Catalog Number: 86912-3-PBS	Clone ID: 251971C8	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: C-reactive protein, pentraxin-related
Isotype: IgG	GenBank: BC125135	Gene ID: 1401
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2448	

Applications

Tested Applications: Sandwich ELISA	Range: 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.
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Product Information

MP02771-2 targets CRP in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CRP Recombinant monoclonal antibody, PBS Only (Capture) 86912-2-PBS (251971C7). 100 µg. Concentration 1 mg/mL.

Detection antibody: CRP Recombinant monoclonal antibody, PBS Only (Detector) 86912-3-PBS (251971C8). 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.

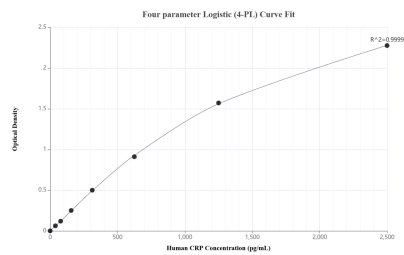
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

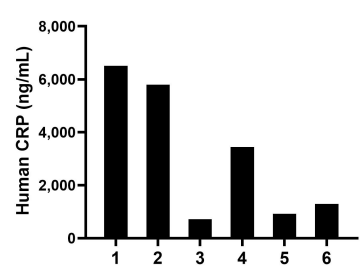
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP02771-2, Human CRP Recombinant Matched Antibody Pair - PBS only. 86912-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2448. 86912-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Plasma of six individual healthy human donors was measured. The CRP concentration of detected samples was determined to be 3,111.6 ng/mL with a range of 714.9-6,508.0 ng/mL