

CPA1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03531-1**

Capture Antibody Information

Catalog Number: 88295-3-PBS	Clone ID: 260663D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: carboxypeptidase A1 (pancreatic)
Isotype: IgG	GenBank: BC005279	Gene ID: 1357
Purification Method: Protein A purification	Immunogen Catalog Number: Ag8586	

Detection Antibody Information

Catalog Number: 88295-2-PBS	Clone ID: 260663B7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: carboxypeptidase A1 (pancreatic)
Isotype: IgG	GenBank: BC005279	Gene ID: 1357
Purification Method: Protein A purification	Immunogen Catalog Number: Ag8586	

Applications

Tested Applications: Sandwich ELISA	Range: 0.977-62.5 ng/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

MP03531-1 targets CPA1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CPA1 Recombinant monoclonal antibody, PBS Only (Capture) 88295-3-PBS (260663D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: CPA1 Recombinant monoclonal antibody, PBS Only (Detector) 88295-2-PBS (260663B7). 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.

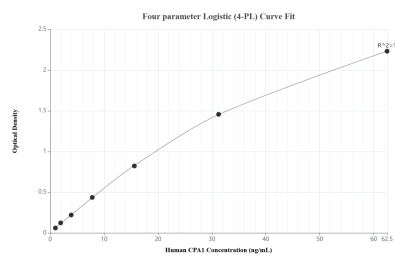
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

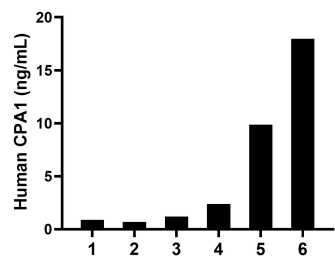
Storage

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 MP03531-1, Human CPA1 Recombinant Matched Antibody Pair - PBS only. 88295-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8586. 88295-2-PBS was HRP conjugated as the detection antibody. Range: 0.977-62.5 ng/mL



Plasma of six individual healthy human donors was measured. The CPA1 concentration of detected samples was determined to be 5.51 ng/mL with a range of 0.70-17.97 ng/mL