

Pancreatic alpha-amylase Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02585-1**

Capture Antibody Information

Catalog Number: 86243-1-PBS	Clone ID: 250679H5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: amylase, alpha 2A (pancreatic)
Isotype: IgG	GenBank: NM_000699.4	Gene ID: 279
Purification Method: Protein A purification	Immunogen Catalog Number: Eg3071	

Detection Antibody Information

Catalog Number: 86243-2-PBS	Clone ID: 250679F3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: amylase, alpha 2A (pancreatic)
Isotype: IgG	GenBank: NM_000699.4	Gene ID: 279
Purification Method: Protein A purification	Immunogen Catalog Number: Eg3071	

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.
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Product Information

MP02585-1 targets Pancreatic alpha-amylase in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Pancreatic alpha-amylase Recombinant antibody, PBS Only (Capture) 86243-1-PBS (250679H5). 100 µg. Concentration 1 mg/mL.

Detection antibody: AMY2A Recombinant antibody, PBS Only (Detector) 86243-2-PBS (250679F3). 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.

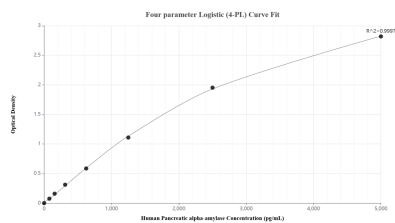
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

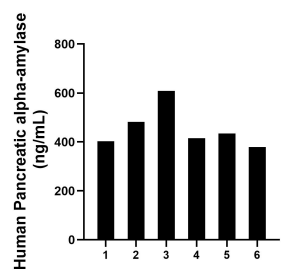
Storage

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 MP02585-1, Human Pancreatic alpha-amylase Recombinant Matched Antibody Pair - PBS only. 86243-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3071. 86243-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The Pancreatic alpha-amylase concentration of detected samples was determined to be 453.6 ng/mL with a range of 379.0-609.0 ng/mL