

# Pancreatic alpha-amylase Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02585-1**

## Capture Antibody Information

**Catalog Number:**  
86243-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
250679H5

**Reactivity:**  
human

**Immunogen Catalog Number:**  
Eg3071

**Conjugate:**  
Unconjugated

**Full name:**  
amylase, alpha 2A (pancreatic)

**Gene ID:**  
279

## Detection Antibody Information

**Catalog Number:**  
86243-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
250679F3

**Reactivity:**  
human

**GenBank:**  
NM\_000699.4

**Immunogen Catalog Number:**  
Eg3071

**Conjugate:**  
Unconjugated

**Full name:**  
amylase, alpha 2A (pancreatic)

**Gene ID:**  
279

## 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

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.

**Storage buffer:**  
PBS only

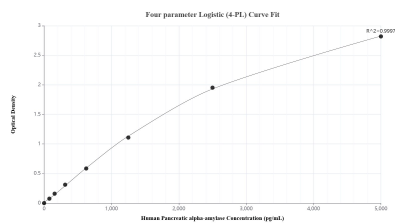
For technical support and original validation data for this product please contact:

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

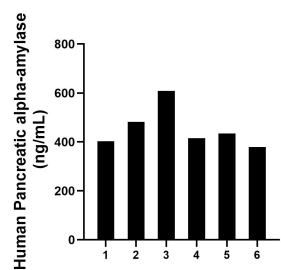
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## Selected Validation Data



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