

# REG3A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02800-1**

## Capture Antibody Information

**Catalog Number:**  
86976-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
251991E11

**Reactivity:**  
human

**GenBank:**  
NM\_002580.2

**Immunogen Catalog Number:**  
Eg2893

**Conjugate:**  
Unconjugated

**Full name:**  
regenerating islet-derived 3 alpha

**Gene ID:**  
5068

## Detection Antibody Information

**Catalog Number:**  
86976-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
251991G5

**Reactivity:**  
human

**GenBank:**  
NM\_002580.2

**Immunogen Catalog Number:**  
Eg2893

**Conjugate:**  
Unconjugated

**Full name:**  
regenerating islet-derived 3 alpha

**Gene ID:**  
5068

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.312-40 ng/mL (Cytometric Bead Array)  
0.313-20 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02800-1 targets REG3A in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: REG3A Recombinant monoclonal antibody, PBS Only (Capture) 86976-2-PBS (251991E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: REG3A Recombinant monoclonal antibody, PBS Only (Detector) 86976-1-PBS (251991G5). 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.

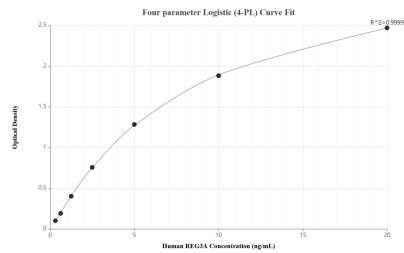
## Storage

**Storage:**  
Store at -80°C.

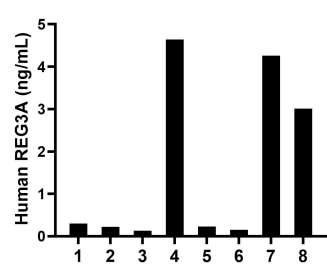
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

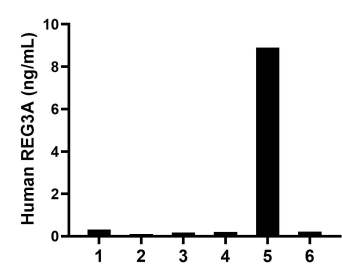
Selected Validation Data



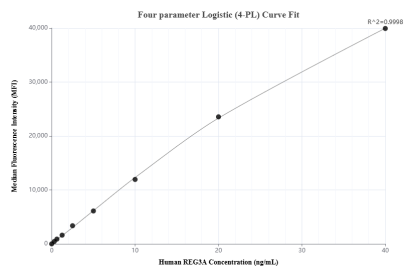
Sandwich ELISA standard curve of MP02800-1, Human REG3A Recombinant Matched Antibody Pair - PBS only. 86976-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2893. 86976-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



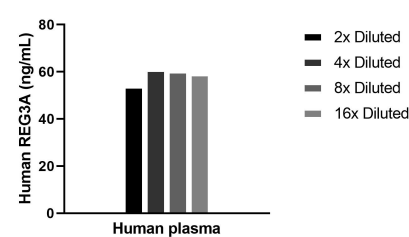
Plasma of eight individual healthy human donors was measured. The REG3A concentration of detected samples was determined to be 1.62 ng/mL with a range of 0.15-4.64 ng/mL



Serum of six individual healthy human donors was measured. The REG3A concentration of detected samples was determined to be 1.66 ng/mL with a range of 0.10-8.90 ng/mL



Cytometric bead array standard curve of MP02800-1, REG3A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86976-2-PBS. Detection antibody: 86976-1-PBS. Standard: Eg2893. Range: 0.312-40 ng/mL



The mean REG3A concentration was determined to be 58.3 ng/mL in human plasma.