

IgA1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03080-2**

Capture Antibody Information

Catalog Number:
87606-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252592A1
Reactivity:
human
GenBank:
Immunogen Catalog Number:
Eg9190

Conjugate:
Unconjugated
Full name:
immunoglobulin heavy constant
alpha 1
Gene ID:
3493

Detection Antibody Information

Catalog Number:
87606-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252592A2
Reactivity:
human
GenBank:
Immunogen Catalog Number:
Eg9190

Conjugate:
Unconjugated
Full name:
immunoglobulin heavy constant
alpha 1
Gene ID:
3493

Applications

Tested Applications:
Sandwich ELISA

Range:
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

MP03080-2 targets IgA1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Human IgA1 Recombinant monoclonal antibody, PBS Only (Capture) 87606-2-PBS (252592A1).
100 µg. Concentration 1 mg/mL.

Detection antibody: Human IgA1 Recombinant monoclonal antibody, PBS Only (Detector) 87606-4-PBS (252592A2).
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.

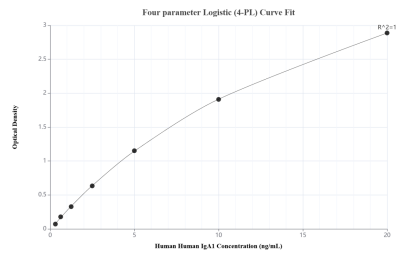
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

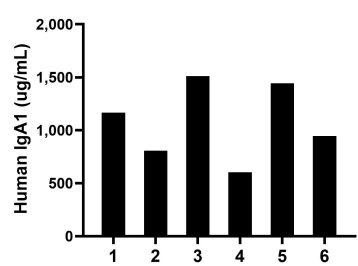
Storage

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

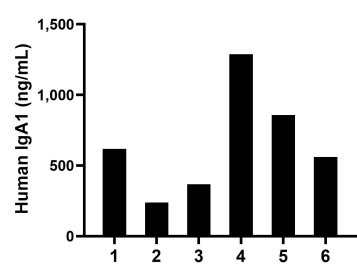
Selected Validation Data



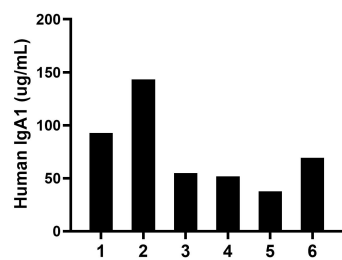
Sandwich ELISA standard curve of MP03080-2, Human IgA1 Recombinant Matched Antibody Pair - PBS only. 87606-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9190. 87606-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



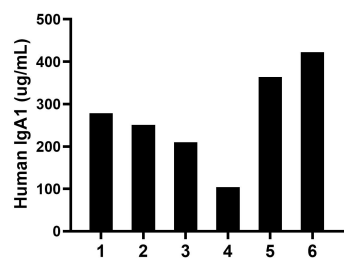
Plasma of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 1,080.25 ug/mL with a range of 604.90-1,512.65 ug/mL.



Urine of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 655.02 ng/mL with a range of 237.36-1,288.59 ng/mL.



Saliva of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 74.97 ug/mL with a range of 37.59-143.27 ug/mL.



Human milk of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 271.70 ug/mL with a range of 104.29-422.25 ug/mL.