

For Research Use Only

Human IgA1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87606-2-PBS



Basic Information

Catalog Number:

87606-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG9190

GenBank Accession Number:

GeneID (NCBI):

3493

Full Name:

immunoglobulin heavy constant
alpha 1

Purification Method:

Protein A purification

CloneNo.:

252592A1

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

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, pH7.3

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

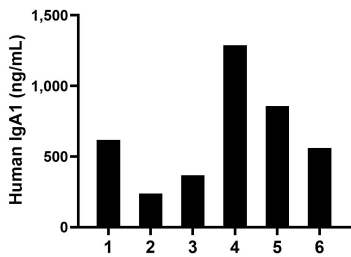
T: 4006900926

E: Proteintech-CN@ptglab.com

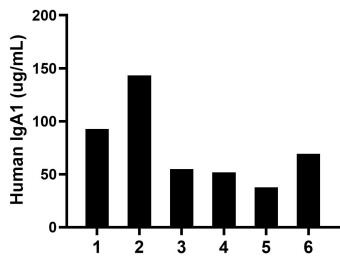
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

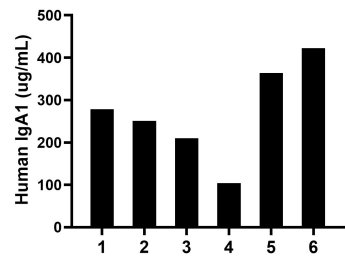
Selected Validation Data



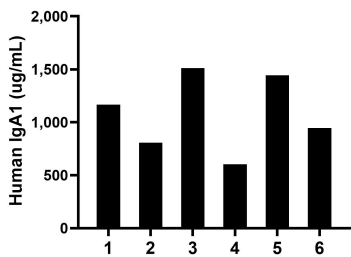
Urine of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 655.02 ng/mL with a range of 237.36-1,288.59 ng/mL.



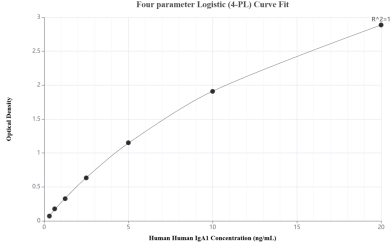
Saliva of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 74.97 ug/mL with a range of 37.59-143.27 ug/mL.



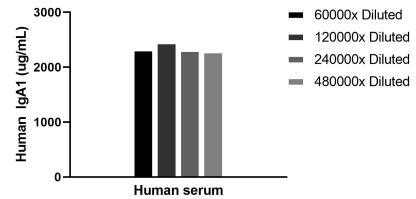
Human milk of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 271.70 ug/mL with a range of 104.29-422.25 ug/mL.



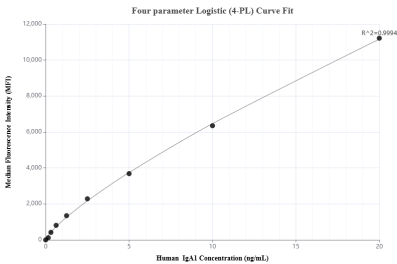
Plasma of six individual healthy human donors was measured. The IgA1 concentration of detected samples was determined to be 1,080.25 ug/mL with a range of 604.90-1,512.65 ug/mL.



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.



The mean IgA1 concentration was determined to be 2339.4 ug/mL in human serum.



Cytometric bead array standard curve of MP03080-1, IgA1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87606-2-PBS. Detection antibody: 87606-1-PBS. Standard: Eg9190. Range: 0.156-20 ng/mL.