APOE Recombinant antibody, PBS Only (Detector)

Catalog Number:84775-4-PBS

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Basic Information

Catalog Number: 84775-4-PBS	**GenBank Accession Number:** BC003557	**Purification Method:** Protein A purification
Size: 1 mg/ml	**GeneID (NCBI):** 348	**CloneNo.:** 242310A3
Source: Rabbit	**UNIPROT ID:** P02649	
Isotype: IgG	**Full Name:** Apolipoprotein E	
	Calculated MW: 36 kDa	

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80℃.

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

Storage Buffer:

PBS Only


Selected Validation Data
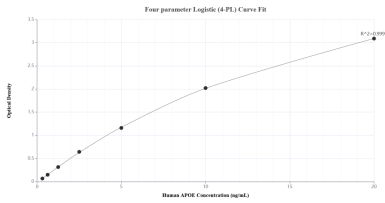
Sandwich ELISA standard curve of MP01558-3, Human APOE Recombinant Matched Antibody Pair - PBS only. 84775-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0448. 84775-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL.
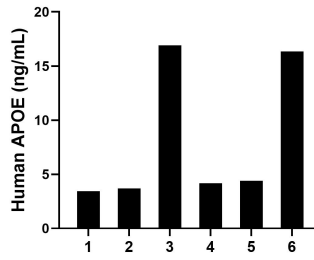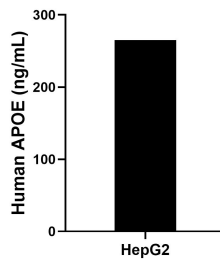

Saliva of six individual healthy human donors was measured. The APOE concentration of detected samples was determined to be 8.16 ng/mL with a range of 3.43-16.91 ng/mL.
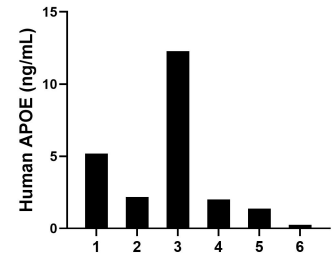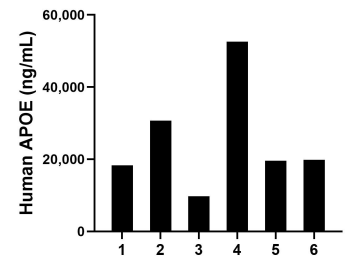

Urine of six individual healthy human donors was measured. The APOE concentration of detected samples was determined to be 3.88 ng/mL with a range of 0.26-12.28 ng/mL.
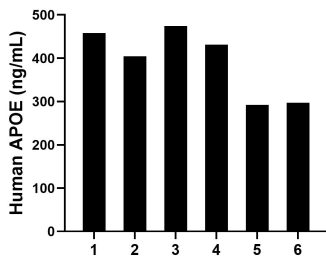
Human milk of six individual healthy human donors was measured. The APOE concentration of detected samples was determined to be 392.90 ng/mL with a range of 291.94-474.33 ng/mL.

HepG2 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human APOE, and measured 264.90 ng/mL.

Serum of six individual healthy human donors was measured. The APOE concentration of detected samples was determined to be 25,140.92 ng/mL with a range of 9,706.32-52,603.90 ng/mL.