For Research Use Only

Haptoglobin Recombinant Matched Antibody Pair, PBS Only



Catalog Number: MP00779-1

Capture Antibody Information Catalog Number: 82812-8-PBS Host:

Rabbit

Isotype

1B16
Reactivity:
human
GenBank:
BC121125

Clone ID:

Clone ID:

Reactivity:

GenBank:

BC121125

human

3J2

Conjugate: Unconjugated Full name: haptoglobin Gene ID: 3240

Purification Method: Protein A purification

Detection Antibody Information

Catalog Number: 82812-2-PBS Host: Rabbit Isotype: IgG Conjugate: Unconjugated Full name: haptoglobin Gene ID: 3240

Purification Method: Protein A purification

Applications

Tested Applications: Sandwich ELISA Range:

46.9-3000 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

 $MP00779\text{-}1\,targets\,Haptoglobin\,in\,immuno assays\,as\,a\,matched\,antibody\,pair.\,Validated\,in\,Sandwich\,ELISA.$

Capture antibody: HP Recombinant antibody, PBS Only (Capture) 82812-8-PBS (1B16). 100 $\,\mu$ g. Concentration 1 mgl/ml.

Detection antibody: HP Recombinant antibody, PBS Only (Detector) 82812-2-PBS (3J2). 100 $\,\mu$ g. Concentration 1 mgl/ml.

Alternative Haptoglobin matched antibody pairs: MP00665-1, MP00665-2, MP00665-3

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

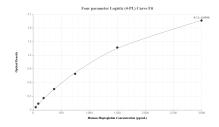
Storage:

Store at -80°C.

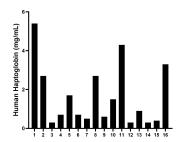
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C Storage buffer:

PBS only

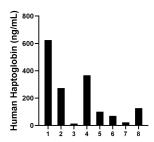
Selected Validation Data



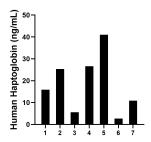
Sandwich ELISA standard curve of MP00779-1, Human Haptoglobin Recombinant Matched Antibody Pair - PBS only. 82812-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0445. 82812-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL



Serum of sixteen individual healthy human donors was measured. The Haptoglobin concentration of detected samples was determined to be 1.6 mg/mL with a range of 0.3-5.4 mg/mL



Saliva of eight individual healthy human donors was measured. The Haptoglobin concentration of detected samples was determined to be 199.6 ng/mL with a range of 14.0 - 624.8 ng/mL



Urine of seven individual healthy human donors was measured. The Haptoglobin concentration of detected samples was determined to be 18.3 ng/mL with a range of 2.7 - 41.0 ng/mL