For Research Use Only

Mouse Uromodulin Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01986-1

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Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
85597-1-PBS

Clone ID:
242258E2

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
Uromodulin

Isotype:
IgG

GenBank:
NM_009470.5

Gene ID:
22242

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg2748

Detection Antibody Information

Catalog Number:
85597-2-PBS

Clone ID:
242258G11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
Uromodulin

Isotype:
IgG

GenBank:
NM_009470.5

Gene ID:
22242

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg2748

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
78.1-5000 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

MP01986-1 targets Uromodulin in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse Umod Recombinant monoclonal antibody, PBS Only (Capture) 85597-1-PBS (242258E2). 100 μg. Concentration 1 mg/ml.

Detection antibody: Mouse Umod Recombinant monoclonal antibody, PBS Only (Detector) 85597-2-PBS (242258G11). 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.

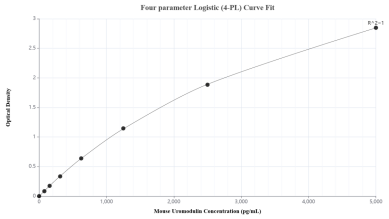
Storage

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

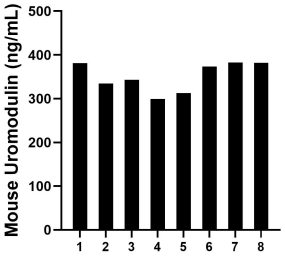
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

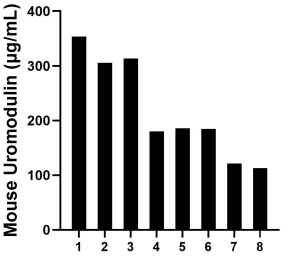
Selected Validation Data



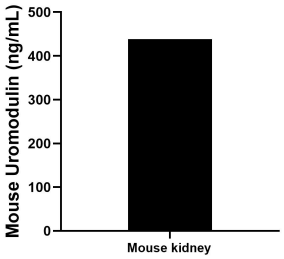
Sandwich ELISA standard curve of MP01986-1, Mouse Uromodulin Recombinant Matched Antibody Pair - PBS only. 85597-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2748. 85597-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



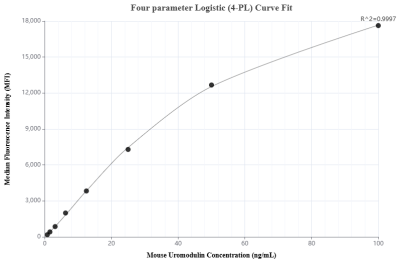
Serum of eight mice was measured. The Uromodulin concentration of detected samples was determined to be 351.1 ng/mL with a range of 299.4-382.7 ng/mL.



Urine of eight mice was measured. The Uromodulin concentration of detected samples was determined to be 219.6 µg/mL with a range of 112.9-353.4 µg/mL.



The mean Uromodulin concentration was determined to be 438.3 ng/mL in mouse kidney tissue extract based on a 6.4 mg/mL extract load.



Cytometric bead array standard curve of MP01986-1, MOUSE Uromodulin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85597-1-PBS. Detection antibody: 85597-2-PBS. Standard: Eg2748. Range: 0.781-100 ng/mL.