For Research Use Only

uPA/Urokinase Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03048-2

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Capture Antibody Information

Catalog Number:
87458-4-PBS

Clone ID:
252624G2

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
plasminogen activator, urokinase

Isotype:
IgG

Immunogen Catalog Number:
Eg7083

Gene ID:
5328

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87458-2-PBS

Clone ID:
252624A9

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
plasminogen activator, urokinase

Isotype:
IgG

GenBank:
NM_002658.6

Gene ID:
5328

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg7083

Applications

Tested Applications:
Sandwich ELISA

Range:
31.3-2000 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

MP03048-2 targets uPA/Urokinase in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PLAU/uPA Recombinant monoclonal antibody, PBS Only (Capture) 87458-4-PBS (252624G2). 100 µg. Concentration 1 mg/ml.

Detection antibody: PLAU/uPA Recombinant monoclonal antibody, PBS Only (Detector) 87458-2-PBS (252624A9). 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.

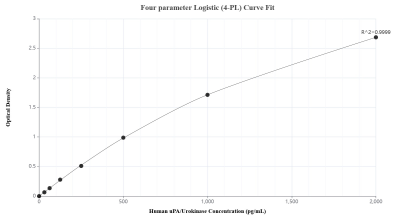
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

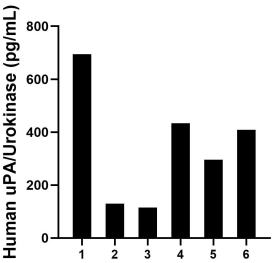
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

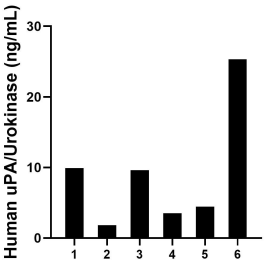
Selected Validation Data



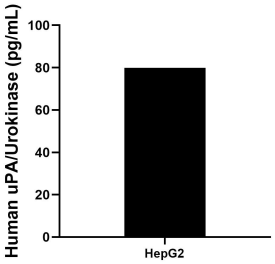
Sandwich ELISA standard curve of MP03048-2, Human uPA/Urokinase Recombinant Matched Antibody Pair - PBS only. 87458-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7083. 87458-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



Plasma of six individual healthy human donors was measured. The uPA/Urokinase concentration of detected samples was determined to be 346.0 pg/mL with a range of 115.6-694.2 pg/mL.



Urine of six individual healthy human donors was measured. The uPA/Urokinase concentration of detected samples was determined to be 9.1 ng/mL with a range of 1.8-25.3 ng/mL.



HepG2 cells 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 uPA/Urokinase, and measured 79.9 pg/mL.