

KLK1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03278-2**

Capture Antibody Information

Catalog Number: 87940-1-PBS	Clone ID: 260049D11	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: kallikrein 1
Isotype: IgG	GenBank: NM_002257.3	Gene ID: 3816
Purification Method: Protein A purification	Immunogen Catalog Number: Eg3167	

Detection Antibody Information

Catalog Number: 87940-3-PBS	Clone ID: 260049F12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: kallikrein 1
Isotype: IgG	GenBank: NM_002257.3	Gene ID: 3816
Purification Method: Protein A purification	Immunogen Catalog Number: Eg3167	

Applications

Tested Applications: Sandwich ELISA	Range: 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.
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Product Information

MP03278-2 targets KLK1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: KLK1 Recombinant monoclonal antibody, PBS Only (Capture/Detector) 87940-1-PBS (260049D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: KLK1 Recombinant monoclonal antibody, PBS Only (Detector) 87940-3-PBS (260049F12). 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.

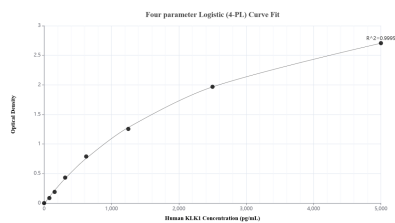
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

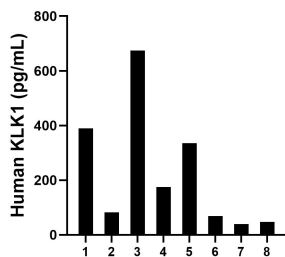
Storage

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

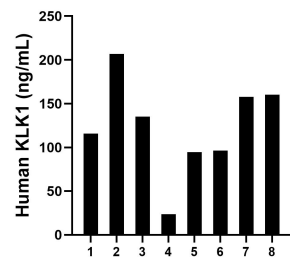
Selected Validation Data



Sandwich ELISA standard curve of MP03278-2, Human KLK1 Recombinant Matched Antibody Pair - PBS only. 87940-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3167. 87940-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Plasma of eight individual healthy human donors was measured. The KLK1 concentration of detected samples was determined to be 226.7 pg/mL with a range of 39.8-674.6 pg/mL



Urine of eight individual healthy human donors was measured. The KLK1 concentration of detected samples was determined to be 123.8 ng/mL with a range of 23.6-206.8 ng/mL