

Coagulation Factor II Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02277-2**

Capture Antibody Information

Catalog Number:
86124-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243089B10
Reactivity:
human
GenBank:
NM_000506.5
Immunogen Catalog Number:
Eg1337

Conjugate:
Unconjugated
Full name:
coagulation factor II (prothrombin)
Gene ID:
2147

Detection Antibody Information

Catalog Number:
86124-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243089B9
Reactivity:
human
GenBank:
NM_000506.5
Immunogen Catalog Number:
Eg1337

Conjugate:
Unconjugated
Full name:
coagulation factor II (prothrombin)
Gene ID:
2147

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 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

MP02277-2 targets Coagulation Factor II in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Prothrombin/F2 Recombinant antibody, PBS Only (Capture) 86124-3-PBS (243089B10). 100 µg. Concentration 1 mg/mL.

Detection antibody: Prothrombin/F2 Recombinant antibody, PBS Only (Capture/Detector) 86124-2-PBS (243089B9). 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.

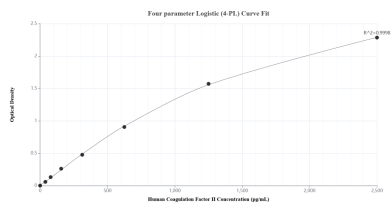
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

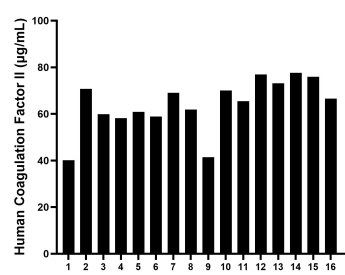
Storage

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 MP02277-2, Human Coagulation Factor II Recombinant Matched Antibody Pair - PBS only. 86124-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1337. 86124-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Plasma of sixteen individual healthy human donors was measured. The Coagulation Factor II concentration of detected samples was determined to be 64.2 µg/mL with a range of 40.1-77.6 µg/mL.