

Catalase Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03219-2**

Capture Antibody Information

Catalog Number: 83329-4-PBS	Clone ID: 253464D10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: catalase
Isotype: IgG	GenBank: BC112219	Gene ID: 847
Purification Method: Protein A purification	Immunogen Catalog Number: Ag15383	

Detection Antibody Information

Catalog Number: 83329-5-PBS	Clone ID: 253464F7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: catalase
Isotype: IgG	GenBank: BC112219	Gene ID: 847
Purification Method: Protein A purification	Immunogen Catalog Number: Ag15383	

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.
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Product Information

MP03219-2 targets Catalase in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Catalase Recombinant monoclonal antibody, PBS Only (Capture) 83329-4-PBS (253464D10). 100 µg. Concentration 1 mg/mL.

Detection antibody: Catalase Recombinant monoclonal antibody, PBS Only (Detector) 83329-5-PBS (253464F7). 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.

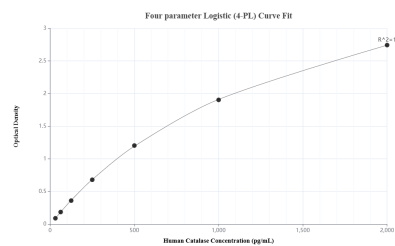
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

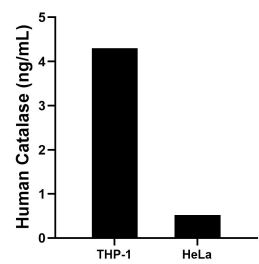
Storage

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 MP03219-2, Human Catalase Recombinant Matched Antibody Pair - PBS only. 83329-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag15383. 83329-5-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



The mean Catalase concentration was determined to be 4.30 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load and 0.52 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.