

GSTA4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02274-1**

Capture Antibody Information

Catalog Number: 85954-4-PBS	Clone ID: 250352D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: glutathione S-transferase alpha 4
Isotype: IgG	GenBank: BC015523	Gene ID: 2941
Purification Method: Protein A purification	Immunogen Catalog Number: Ag11028	

Detection Antibody Information

Catalog Number: 85954-3-PBS	Clone ID: 250352B9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: glutathione S-transferase alpha 4
Isotype: IgG	GenBank: BC015523	Gene ID: 2941
Purification Method: Protein A purification	Immunogen Catalog Number: Ag11028	

Applications

Tested Applications: Sandwich ELISA	Range: 156-5000 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

MP02274-1 targets GSTA4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: GSTA4 Recombinant antibody, PBS Only (Capture) 85954-4-PBS (250352D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: GSTA4 Recombinant antibody, PBS Only (Detector) 85954-3-PBS (250352B9). 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.

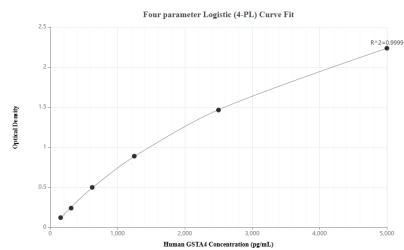
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

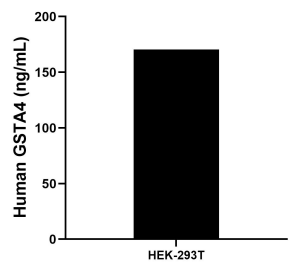
Storage

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

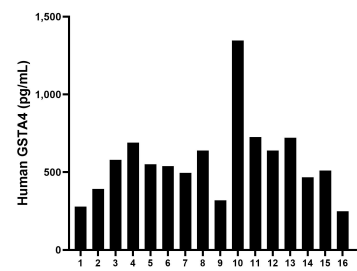
Selected Validation Data



Sandwich ELISA standard curve of MP02274-1, Human GSTA4 Recombinant Matched Antibody Pair - PBS only. 85954-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11028. 85954-3-PBS was HRP conjugated as the detection antibody. Range: 156-5000 pg/mL



The mean GSTA4 concentration was determined to be 170.40 ng/mL in HEK-293T cell extract based on a 2.8 mg/mL extract.



Serum of sixteen individual healthy human donors was measured. The human GSTA4 concentration of detected samples was determined to be 571.5 pg/mL with a range of 249.1 - 1,347.3 pg/mL.