

Citrate synthase Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02513-2**

Capture Antibody Information

Catalog Number:
86549-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251433F8
Reactivity:
human
GenBank:
BC010106
Immunogen Catalog Number:
Ag9117

Conjugate:
Unconjugated
Full name:
citrate synthase
Gene ID:
1431

Detection Antibody Information

Catalog Number:
86549-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251433C7
Reactivity:
human
GenBank:
BC010106
Immunogen Catalog Number:
Ag9117

Conjugate:
Unconjugated
Full name:
citrate synthase
Gene ID:
1431

Applications

Tested Applications:
Sandwich ELISA

Range:
1.56-100 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02513-2 targets Citrate synthase in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CS Recombinant monoclonal antibody, PBS Only (Capture) 86549-4-PBS (251433F8). 100 µg. Concentration 1 mg/mL.

Detection antibody: CS Recombinant monoclonal antibody, PBS Only (Detector) 86549-3-PBS (251433C7). 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.

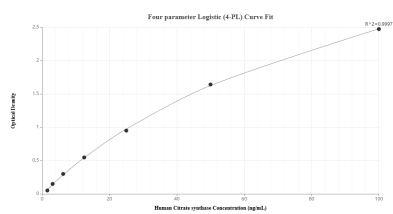
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

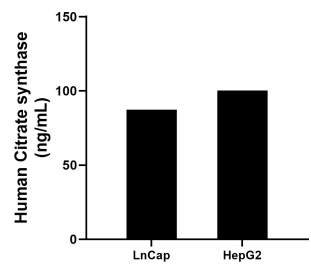
Storage

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 MP02513-2, Human Citrate synthase Recombinant Matched Antibody Pair - PBS only. 86549-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9117. 86549-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean Citrate synthase concentration was determined to be 87.22 ng/mL in LnCap cell extract based on a 1.0 mg/mL extract load and 100.24 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.