

ND4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02094-1**

Capture Antibody Information

Catalog Number:
85098-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242422E2
Reactivity:
human
GenBank:
YP_003024035

Conjugate:
Unconjugated
Full name:
NADH dehydrogenase, subunit 4 (complex I)
Gene ID:
4538

Detection Antibody Information

Catalog Number:
85098-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242422A12
Reactivity:
human
GenBank:
YP_003024035

Conjugate:
Unconjugated
Full name:
NADH dehydrogenase, subunit 4 (complex I)
Gene ID:
4538

Applications

Tested Applications:
Sandwich ELISA

Range:
12.5-800 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

MP02094-1 targets ND4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ND4 Recombinant antibody, PBS Only (Capture) 85098-1-PBS (242422E2). 100 µg. Concentration 1 mg/mL.

Detection antibody: ND4 Recombinant antibody, PBS Only (Detector) 85098-2-PBS (242422A12). 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.

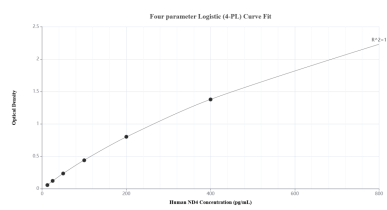
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

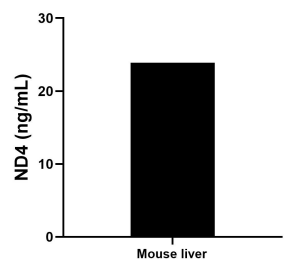
Storage

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 MP02094-1, Human ND4 Recombinant Matched Antibody Pair - PBS only. 85098-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01674. 85098-2-PBS was HRP conjugated as the detection antibody. Range: 12.5-800 pg/mL.



The mean ND4 concentration was determined to be 23.9 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load.