

ALDH4A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02370-2**

Capture Antibody Information

Catalog Number:
86297-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250957A9
Reactivity:
human
GenBank:
BC023600
Immunogen Catalog Number:
Ag2147

Conjugate:
Unconjugated
Full name:
aldehyde dehydrogenase 4 family, member A1
Gene ID:
8659

Detection Antibody Information

Catalog Number:
86297-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250957C10
Reactivity:
human
GenBank:
BC023600
Immunogen Catalog Number:
Ag2147

Conjugate:
Unconjugated
Full name:
aldehyde dehydrogenase 4 family, member A1
Gene ID:
8659

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156–10 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

MP02370-2 targets ALDH4A1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ALDH4A1 Recombinant antibody, PBS Only (Capture) 86297-4-PBS (250957A9). 100 µg. Concentration 1 mg/mL.

Detection antibody: ALDH4A1 Recombinant antibody, PBS Only (Detector) 86297-3-PBS (250957C10). 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.

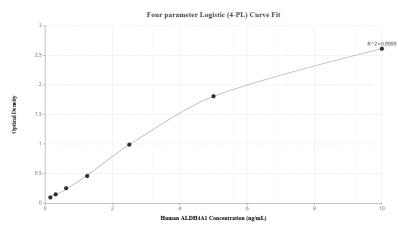
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

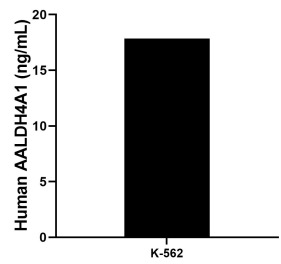
Storage

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 MP02370-2, Human ALDH4A1 Recombinant Matched Antibody Pair - PBS only. 86297-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2147. 86297-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean ALDH4A1 concentration was determined to be 17.85 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load.