

LDHA Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03165-1

Capture Antibody Information

Catalog Number:
84198-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240885C7

Reactivity:
human, mouse, rat

GenBank:
NM_005566

Conjugate:
Unconjugated

Full name:
lactate dehydrogenase A

Gene ID:
3939

Detection Antibody Information

Catalog Number:
84198-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240885E7

Reactivity:
human

GenBank:
NM_005566

Conjugate:
Unconjugated

Full name:
lactate dehydrogenase A

Gene ID:
3939

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP03165-1 targets LDHA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: LDHA-Specific Recombinant monoclonal antibody, PBS Only (Capture) 84198-3-PBS (240885C7). 100 µg. Concentration 1 mg/mL.

Detection antibody: LDHA-Specific Recombinant monoclonal antibody, PBS Only (Detector) 84198-4-PBS (240885E7). 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.

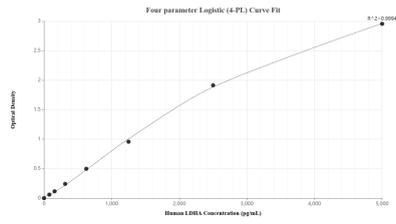
Storage

Storage:
Store at -80°C.

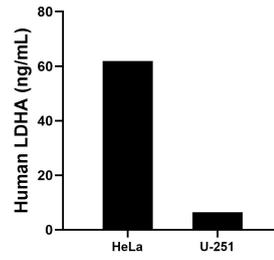
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP03165-1, Human LDHA Recombinant Matched Antibody Pair - PBS only. 84198-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY00607. 84198-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean LDHA concentration was determined to be 61.9 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 6.4 ng/mL in U-251 cell extract based on a 1.2 mg/mL extract load.