

CYP1A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03554-2**

Capture Antibody Information

Catalog Number:
88462-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261000E4
Reactivity:
human
Immunogen Catalog Number:
Ag3990

Conjugate:
Unconjugated
Full name:
cytochrome P450, family 1, subfamily A, polypeptide 1
Gene ID:
1543

Detection Antibody Information

Catalog Number:
88462-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261000B4
Reactivity:
human
GenBank:
BC023019
Immunogen Catalog Number:
Ag3990

Conjugate:
Unconjugated
Full name:
cytochrome P450, family 1, subfamily A, polypeptide 1
Gene ID:
1543

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

MP03554-2 targets CYP1A1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CYP1A1 Recombinant monoclonal antibody, PBS Only (Capture) 88462-3-PBS (261000E4). 100 µg. Concentration 1 mg/mL.

Detection antibody: CYP1A1 Recombinant monoclonal antibody, PBS Only (Detector) 88462-4-PBS (261000B4). 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.
Storage buffer:
PBS only

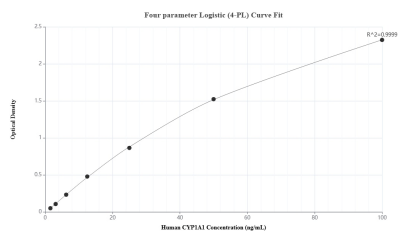
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

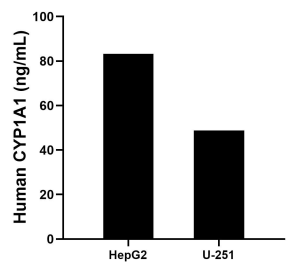
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP03554-2, Human CYP1A1 Recombinant Matched Antibody Pair - PBS only. 88462-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3990. 88462-4-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean CYP1A1 concentration was determined to be 83.23 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 48.74 ng/mL in U-251 cell extract based on a 1.2 mg/mL extract load.