

For Research Use Only

LPL Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86666-1-PBS



Basic Information

Catalog Number:

86666-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29782

GenBank Accession Number:

BC011353

GeneID (NCBI):

4023

UNIPROT ID:

P06858

Full Name:

lipoprotein lipase

Calculated MW:

475 aa, 53 kDa

Purification Method:

Protein A purification

CloneNo.:

250965E4

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

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, pH7.3

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

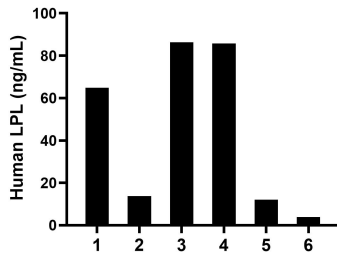
T: 4006900926

E: Proteintech-CN@ptglab.com

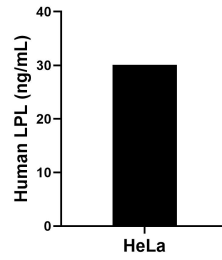
W: ptgcn.com

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

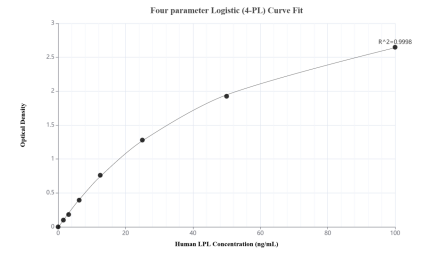
Selected Validation Data



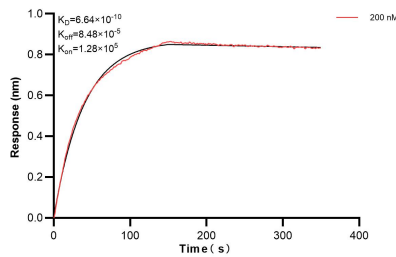
Human milk of six individual healthy human donors was measured. The LPL concentration of detected samples was determined to be 44.44 ng/mL with a range of 3.94-86.27 ng/mL.



The mean LPL concentration was determined to be 30.1 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP02594-1, Human LPL Recombinant Matched Antibody Pair - PBS only. 86666-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag29782. 86666-1-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 86666-1-PBS against Human LPL were performed. The affinity constant is 0.664 nM.