

Human Latent Transforming Growth Factor Beta Binding Protein 2 (LTBP2) ELISA Kit | LTBP2 elisa kit

Human Latent Transforming Growth Factor Beta Binding Protein 2 (LTBP2) ELISA Kit

CATALOG #

AAA67282

REACTIVITY

Human

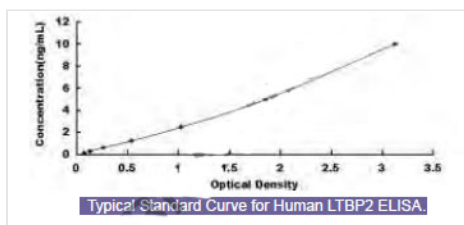
PRODUCT SYNONYMS

Latent Transforming Growth Factor Beta Binding Protein 2 (LTBP2); Human Latent Transforming Growth Factor Beta Binding Protein 2 (LTBP2) ELISA Kit; LTBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LIPF. No significant cross-reactivity or interference between LIPF and analogues was observed.
Sequence Length	1821
Samples	Rat Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	32.6pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LIPF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LIPF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTBP2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of LIPF in rat serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LIPF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LIPF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LIPF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of LIPF in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557733
NCBI GeneID	4053
NCBI Accession #	NP_000419.1
NCBI GenBank Nucleotide #	NM_000428.2
UniProt Accession #	Q14767; Q99907; Q9NS51
Molecular Weight	195,052 Da
NCBI Official Full Name	latent-transforming growth factor beta-binding protein 2
NCBI Official Synonym Full Names	latent transforming growth factor beta binding protein 2
NCBI Official Symbol	LTBP2
NCBI Official Synonym Symbols	WMS3; GLC3D; LTBP3; MSPKA; MSTP031; C14orf141
NCBI Protein Information	latent-transforming growth factor beta-binding protein 2
UniProt Protein Name	Latent-transforming growth factor beta-binding protein 2
UniProt Gene Name	LTBP2
UniProt Synonym Gene Names	C14orf141; LTBP3; LTBP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/latent-transforming-growth-factor-beta-binding-protein-2-ltbp2/67282>