

Human LBP ELISA Kit | LBP elisa kit

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CATALOG #
AAA27869

REACTIVITY
Human

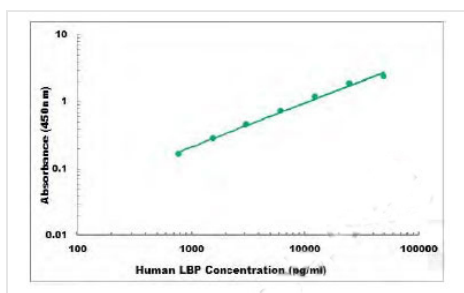
PRODUCT SYNONYMS

LBP; Human LBP ELISA Kit; Lipopolysaccharide-binding protein; LBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Ki67 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Ki67 proteins within the range of 15.6 pg/ml-1000 pg/ml.
Sequence Length	481
Samples	Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates
Sensitivity	8 pg/ml.
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LBP elisa kit

Principle of the Assay: The Human Ki67 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Ki67 in Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates. This assay employs an antibody specific for Human Ki67 coated on a 96-well plate. Standards and samples are pipetted into the wells and Ki67 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Ki67 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Ki67 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!

Background/Introduction: Ki-67 (also MKI67 and TSG126) is a 350-370 kDa nuclear protein that belongs to a molecular group comprised of mitotic chromosome-associated proteins. Ki-67 was originally recognized as an antigen associated with the monoclonal Ki-67 antibody raised against Hodgkin's lymphoma nuclear material. Ki-67 is contextually expressed, being potentially found in all cells that are not in the Go phase of the cell cycle. Thus, Ki-67 qualifies as a cell proliferation marker. Functionally, Ki-67 is known to interact with 160 kDa Hklp2, a protein that promotes centrosome separation and spindle bipolarity. It also directly interacts with NIFK, and apparently binds to UBF, thus playing a role in rRNA synthesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31652249
NCBI GeneID	3929
NCBI Accession #	NP_004130.2
NCBI GenBank Nucleotide #	NM_004139.4
UniProt Accession #	P18428; O43438; Q92672; Q9H403; Q9UD66; B2R938
Molecular Weight	53,384 Da
NCBI Official Full Name	lipopolysaccharide-binding protein
NCBI Official Synonym Full Names	lipopolysaccharide binding protein
NCBI Official Symbol	LBP
NCBI Official Synonym Symbols	BPIFD2
NCBI Protein Information	lipopolysaccharide-binding protein
UniProt Protein Name	Lipopolysaccharide-binding protein
UniProt Gene Name	LBP
UniProt Synonym Gene Names	LBP
UniProt Entry Name	LBP_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lbp/27869>