

Human LIM homeobox transcription factor 1-beta ELISA Kit | LMX1B elisa kit

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CATALOG #
AAA194547

REACTIVITY
Human

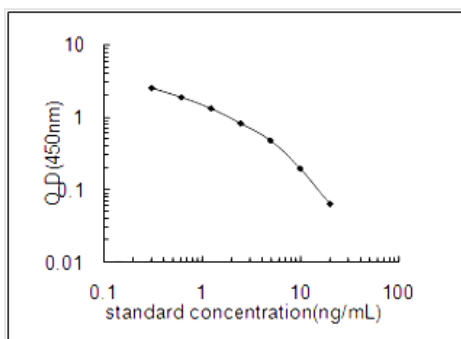
PRODUCT SYNONYMS

LIM homeobox transcription factor 1-beta; Human LIM homeobox transcription factor 1-beta ELISA Kit; LIM/homeobox protein 1.2; LMX-1.2; LIM/homeobox protein LMX1B; LMX1B; LMX1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human LMX1B. No significant cross-reactivity or interference was observed.
Sequence Length	402
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.312-20.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMX1B elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human LIM homeobox transcription factor 1-beta, LMX1B concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to LMX1B, During the reaction, LMX1B in the sample or standard competes with a fixed amount of biotin-labeled LMX1B for sites on a pre-coated Monoclonal antibody specific to LMX1B. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of LMX1B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	292494915
NCBI GeneID	4010
NCBI Accession #	NP_001167618.1
NCBI GenBank Nucleotide #	NM_001174147.1
UniProt Accession #	O60663; O75463; Q5JU95; Q6ISC9; F8W7W6
Molecular Weight	45,080 Da
NCBI Official Full Name	LIM homeobox transcription factor 1-beta isoform 2
NCBI Official Synonym Full Names	LIM homeobox transcription factor 1 beta
NCBI Official Symbol	LMX1B
NCBI Official Synonym Symbols	NPS1; LMX1.2
NCBI Protein Information	LIM homeobox transcription factor 1-beta
UniProt Protein Name	LIM homeobox transcription factor 1-beta
UniProt Gene Name	LMX1B
UniProt Synonym Gene Names	LMX-1.2
UniProt Entry Name	LMX1B_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.