

Human Leucine-Rich PPR Motif-Containing Protein, Mitochondrial (LRPPRC) ELISA Kit | LRPPRC elisa kit

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CATALOG # AAA331926	REACTIVITY Human
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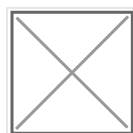
PRODUCT SYNONYMS

Leucine-Rich PPR Motif-Containing Protein; Mitochondrial (LRPPRC); Human Leucine-Rich PPR Motif-Containing Protein; Mitochondrial (LRPPRC) ELISA Kit; LRPPRC; CLONE-23970; GP130; LRP130; LSFC; leucine-rich PPR motif-containing protein; LRPPRC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Leucine-rich PPR motif-containing protein, mitochondrial (LRPPRC) ELISA Kit has high sensitivity and excellent specificity for detection of Human LRPPRC. No significant cross-reactivity or interference between Human LRPPRC and analogues was observed.
Sequence Length	1394
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Leucine-rich PPR motif-containing protein, mitochondrial (LRPPRC) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for LRPPRC elisa kit	Description: This Human Leucine-rich PPR motif-containing protein, mitochondrial (LRPPRC) ELISA Kit employs a two-site sandwich ELISA to quantitate LRPPRC in samples. An antibody specific for LRPPRC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LRPPRC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LRPPRC is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LRPPRC bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: LRPPRC contains 167 leucine residues that are dispersed every 15 to 19 amino acids throughout the protein, accounting for about 13% of the sequence. The N-terminal half of LRPPRC is cysteine rich. LRPPRC has 4 potential N-linked glycosylation sites, a sequence that shares homology with the ATP-binding site of ATP-dependent kinases, and a protein kinase C phosphorylation site. It has no secretory signal sequence or hydrophobic domains. Northern blot analysis of HepG2 cells revealed expression of a major 4.8-kb transcript and minor transcripts of 5.2 and 7.0 kb. Western blot analysis of transiently transfected COS-1 cells revealed a doublet with an apparent molecular mass of about 130 kD.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156632706
NCBI GeneID	10128
UniProt Accession #	P42704
NCBI Official Full Name	Leucine-rich PPR motif-containing protein, mitochondrial
NCBI Official Synonym Full Names	leucine rich pentatricopeptide repeat containing
NCBI Official Symbol	LRPPRC
NCBI Official Synonym Symbols	LSFC; GP130; LRP130; CLONE-23970
NCBI Protein Information	leucine-rich PPR motif-containing protein, mitochondrial
UniProt Protein Name	Leucine-rich PPR motif-containing protein, mitochondrial
UniProt Gene Name	LRPPRC
UniProt Synonym Gene Names	LRP130; LRP 130
UniProt Entry Name	LPPRC_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/leucine-rich-ppr-motif-containing-protein-mitochondrial-lrpprc/331926>