

Human Leucine Rich Repeat Containing Protein 4B (LRRC4B) ELISA Kit | LRRC4B elisa kit

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CATALOG #
AAA68193

REACTIVITY
Human

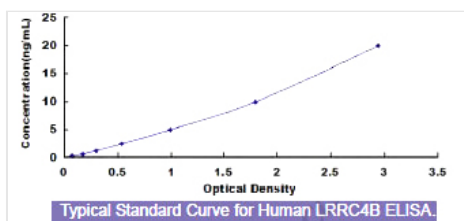
PRODUCT SYNONYMS

Leucine Rich Repeat Containing Protein 4B (LRRC4B); Human Leucine Rich Repeat Containing Protein 4B (LRRC4B) ELISA Kit; LRRC4B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LRRC4B. No significant cross-reactivity or interference between LRRC4B and analogues was observed.
Sequence Length	713
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.133ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LRRC4B 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 LRRC4B 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 LRRC4B elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LRRC4B in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LRRC4B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LRRC4B. 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 LRRC4B, 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 LRRC4B 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 #	122937309
NCBI GeneID	94030
NCBI Accession #	NP_001073926.1
NCBI GenBank Nucleotide #	NM_001080457.1
UniProt Accession #	Q9NT99; Q3ZCQ4; Q58F20
Molecular Weight	76,434 Da
NCBI Official Full Name	leucine-rich repeat-containing protein 4B
NCBI Official Synonym Full Names	leucine rich repeat containing 4B
NCBI Official Symbol	LRRC4B
NCBI Official Synonym Symbols	HSM; LRIG4
NCBI Protein Information	leucine-rich repeat-containing protein 4B
UniProt Protein Name	Leucine-rich repeat-containing protein 4B
UniProt Gene Name	LRRC4B
UniProt Synonym Gene Names	LRIG4; NGL-3

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-repeat-containing-protein-4b-lrrc4b/68193>