

Mouse Leucine Rich Repeat Containing Protein 15 (LRRC15) ELISA Kit | LRRC15 elisa kit

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CATALOG #
AAA149211

REACTIVITY
Mouse

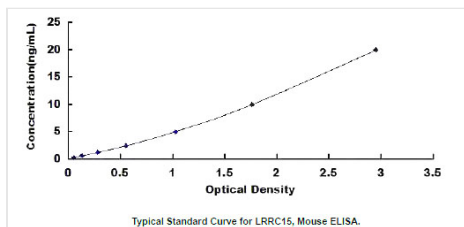
PRODUCT SYNONYMS

Leucine Rich Repeat Containing Protein 15 (LRRC15); Mouse Leucine Rich Repeat Containing Protein 15 (LRRC15) ELISA Kit; LIB; Leucine-rich repeat protein induced by beta-amyloid homolog; LRRC15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of LRRC15. No significant cross-reactivity or interference between LRRC15 and analogues was observed.
Sequence Length	587
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.128ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LRRC15 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 LRRC15 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRRC15 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LRRC15 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to LRRC15. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to LRRC15. 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 LRRC15, 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 LRRC15 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for LRRC15 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	288541295
NCBI GeneID	131578
NCBI Accession #	NP_001128529.2
NCBI GenBank Nucleotide #	NM_001135057.2
UniProt Accession #	Q8TF66; Q495Q6; Q7RTN7
Molecular Weight	65,022 Da
NCBI Official Full Name	leucine-rich repeat-containing protein 15 isoform a
NCBI Official Synonym Full Names	leucine rich repeat containing 15
NCBI Official Symbol	LRRC15
NCBI Official Synonym Symbols	LIB
NCBI Protein Information	leucine-rich repeat-containing protein 15
UniProt Protein Name	Leucine-rich repeat-containing protein 15
UniProt Gene Name	LRRC15
UniProt Synonym Gene Names	LIB; hLib

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/mouse-elisa-kits/leucine-rich-repeat-containing-protein-15-lrrc15/149211>