

Human Leucine Rich Repeat Containing Protein 3C (LRRC3C) ELISA Kit | LRRC3C elisa kit

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CATALOG #
AAA67732

REACTIVITY
Human

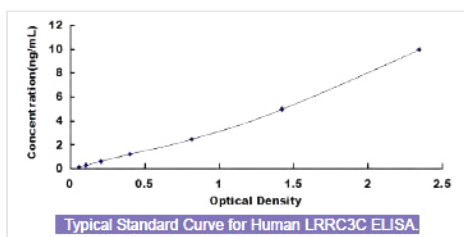
PRODUCT SYNONYMS

Leucine Rich Repeat Containing Protein 3C (LRRC3C); Human Leucine Rich Repeat Containing Protein 3C (LRRC3C) ELISA Kit; LRRC3C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LRRC3C. No significant cross-reactivity or interference between LRRC3C and analogues was observed.
Sequence Length	275
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LRRC3C 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 LRRC3C 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 LRRC3C elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LRRC3C in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LRRC3C. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LRRC3C. 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 LRRC3C, 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 LRRC3C 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 #	306966160
NCBI GeneID	100505591
NCBI Accession #	NP_001182474.1
NCBI GenBank Nucleotide #	NM_001195545.1
UniProt Accession #	A6NJW4
Molecular Weight	29,314 Da
NCBI Official Full Name	leucine-rich repeat-containing protein 3C
NCBI Official Synonym Full Names	leucine rich repeat containing 3C
NCBI Official Symbol	LRRC3C
NCBI Protein Information	leucine-rich repeat-containing protein 3C
UniProt Protein Name	Leucine-rich repeat-containing protein 3C
UniProt Gene Name	LRRC3C

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-3c-lrrc3c/67732>