

Mouse Lysyl Oxidase Like Protein 2 (LOXL2) RTU ELISA Kit | LOXL2 rtu elisa kit

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CATALOG #
AAA23970

REACTIVITY
Mouse

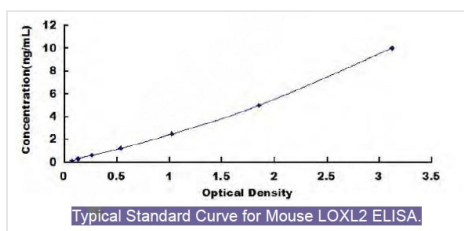
PRODUCT SYNONYMS

Lysyl Oxidase Like Protein 2 (LOXL2); Mouse Lysyl Oxidase Like Protein 2 (LOXL2) ELISA Kit; LOR2; WS9-14; Lysyl oxidase homolog 2; Lysyl oxidase-related protein 2; Lysyl oxidase-related protein WS9-14; LOXL2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of LOXL2. No significant cross-reactivity or interference between LOXL2 and analogues was observed.
Sequence Length	776
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LOXL2 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 LOXL2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LOXL2 rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LOXL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LOXL2. 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 LOXL2, 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 LOXL2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of LOXL2 in mouse serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225579028
NCBI GeneID	94352
NCBI Accession #	NP_201582.2
NCBI GenBank Nucleotide #	NM_033325.2
UniProt Accession #	P58022; Q8BRE6; Q8BS86; Q8C4K0; Q9JJ39
Molecular Weight	81,168 Da
NCBI Official Full Name	lysyl oxidase homolog 2
NCBI Official Synonym Full Names	lysyl oxidase-like 2
NCBI Official Symbol	Loxl2
NCBI Official Synonym Symbols	1110004B06Rik; 4930526G11Rik; 9430067E15Rik
NCBI Protein Information	lysyl oxidase homolog 2
UniProt Protein Name	Lysyl oxidase homolog 2
UniProt Gene Name	Loxl2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/lysyl-oxidase-like-protein-2-loxl2/23970>