

Human lysyl oxidase-like 2 ELISA Kit | LOXL2 elisa kit

Human Lysyl oxidase homolog 2, LOXL2 ELISA Kit

CATALOG #
AAA18045

REACTIVITY
Human

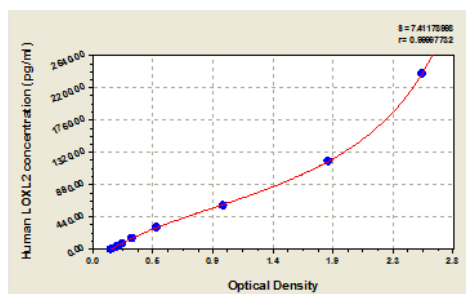
PRODUCT SYNONYMS

lysyl oxidase-like 2; Human Lysyl oxidase homolog 2; LOXL2 ELISA Kit; Human Lysyl oxidase homolog 2 (LOXL2) ELISA kit; LOR2; WS9-14; lysyl oxidase homolog 2; lysyl oxidase related 2; LOXL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LIPA. No significant cross-reactivity or interference between human LIPA and analogues was observed.
Sequence Length	774
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LOXL2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LIPA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LIPA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LIPA is added to the wells. After washing, avidin 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 LIPA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505011
NCBI GeneID	4017
NCBI Accession #	NP_002309.1
NCBI GenBank Nucleotide #	NM_002318.2
UniProt Accession #	Q9Y4K0; Q53HV3; Q9BW70; Q9Y5Y8; B2R5Q0
Molecular Weight	86,725 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	LOR2; WS9-14
NCBI Protein Information	lysyl oxidase homolog 2; lysyl oxidase related 2; lysyl oxidase-like 2 protein; lysyl oxidase-like protein 2; lysyl oxidase-like 2 delta e13; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14
UniProt Protein Name	Lysyl oxidase homolog 2
UniProt Gene Name	LOXL2
UniProt Entry Name	LOXL2_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.