

Human lysyl oxidase-like 3 ELISA Kit | LOXL3 elisa kit

Human Lysyl oxidase homolog 3, LOXL3 ELISA Kit

CATALOG #
AAA112859

REACTIVITY
Human

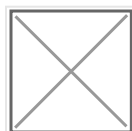
PRODUCT SYNONYMS

lysyl oxidase-like 3; Human Lysyl oxidase homolog 3; LOXL3 ELISA Kit; Human Lysyl oxidase homolog 3 (LOXL3) ELISA kit; LOXL; lysyl oxidase homolog 3; LOXL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LOXL3. No significant cross-reactivity or interference between human LOXL3 and analogues was observed.
Sequence Length	753
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of human LOXL3 is typically less than 7.81 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 LOXL3 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LOXL3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LOXL3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LOXL3 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 LOXL3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	574957232
NCBI GeneID	84695
NCBI Accession #	NP_001276093.1
NCBI GenBank Nucleotide #	NM_001289164.1
UniProt Accession #	P58215; Q2EHP2; Q6IPL7; Q96RS1; D6W5J1
Molecular Weight	83,166 Da
NCBI Official Full Name	lysyl oxidase homolog 3 isoform 2
NCBI Official Synonym Full Names	lysyl oxidase-like 3
NCBI Official Symbol	LOXL3
NCBI Official Synonym Symbols	LOXL
NCBI Protein Information	lysyl oxidase homolog 3; lysyl oxidase-like protein 3
UniProt Protein Name	Lysyl oxidase homolog 3
UniProt Gene Name	LOXL3
UniProt Synonym Gene Names	LOXL
UniProt Entry Name	LOXL3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/loxl3-human-elisa-kits/lysyl-oxidase-like-3/112859>