

Human Lysyl Oxidase Homolog 2, LOXL2 ELISA Kit | LOXL2 elisa kit

Human Lysyl Oxidase Homolog 2, LOXL2 Primacu ELISA Kit

CATALOG #
AAA124149

REACTIVITY
Human

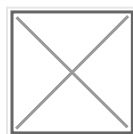
PRODUCT SYNONYMS

Lysyl Oxidase Homolog 2; LOXL2; Human Lysyl Oxidase Homolog 2; LOXL2 Primacu ELISA Kit; Lysyl oxidase homolog 2; LOXL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	78.13-5000pg/mL
Sensitivity	24.88pg/mL
Standard Solution	50ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for LOXL2 elisa kit

Lysyl oxidase homolog 2, also known as Lysyl oxidase-like protein 2, Lysyl oxidase-related protein 2, Lysyl oxidase-related protein WS9-14 and LOXL2, is a secreted protein that belongs to the lysyl oxidase family. LOXL2 contains four SRCR domains. The lysyl oxidase family is made up of five members: lysyl oxidase (LOX) and lysyl oxidase-like 1-4 (LOXL1, LOXL2, LOXL3, LOXL4). All members share conserved C-terminal catalytic domains that provide for lysyl oxidase or lysyl oxidase-like enzyme activity; and more divergent propeptide regions. LOX family enzyme activities catalyze the final enzymatic conversion required for the formation of normal biosynthetic collagen and elastin cross-links. LOXL2 is expressed by pre-hypertrophic and hypertrophic chondrocytes in vivo, and that LOXL2 expression is regulated in vitro as a function of chondrocyte differentiation. LOXL2 promotes chondrocyte differentiation by mechanisms that are likely to include roles as both a regulator and an effector of chondrocyte differentiation. LOXL2 expression could also be explored as a molecular target in the prevention of breast cancer progression.

Product Categories/Family for LOXL2 elisa kit

[Primacu ELISA Kit](#); [Cancer](#); [Signal transduction](#)

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lysyl-oxidase-homolog-2-loxl2/124149>