

Mouse LOX (Lysyl Oxidase) ELISA Kit | LOX elisa kit

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CATALOG #
AAA248324

REACTIVITY
Mouse

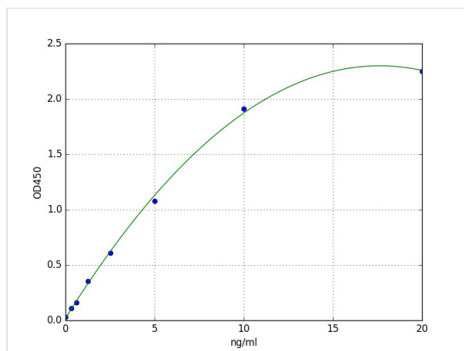
PRODUCT SYNONYMS

LOX (Lysyl Oxidase); Mouse LOX (Lysyl Oxidase) ELISA Kit; Lysyl Oxidase; LOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	417
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LOX elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- LOX antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-LOX antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the LOX amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of LOX can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

257065

NCBI GeneID	4015
Molecular Weight	46,944 Da
NCBI Official Full Name	lysyl oxidase
NCBI Official Synonym Full Names	lysyl oxidase
NCBI Official Symbol	LOX
NCBI Official Synonym Symbols	AAT10
NCBI Protein Information	protein-lysine 6-oxidase
UniProt Protein Name	Protein-lysine 6-oxidase
UniProt Gene Name	LOX

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/mouse-elisa-kits/lox-lysyl-oxidase/248324>