

Human LOX (Lysyl Oxidase) ELISA Kit | lox elisa kit

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CATALOG #
AAA44303

REACTIVITY
Human

PRODUCT SYNONYMS

LOX (Lysyl Oxidase); Human LOX (Lysyl Oxidase) ELISA Kit; lox elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	374
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.022ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for lox elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human LOX (also known as Lysyl Oxidase) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Lysyl Oxidase antibody. Lysyl Oxidase present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Lysyl Oxidase Antibody is added and binds to Lysyl Oxidase in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Lysyl Oxidase antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human Lysyl Oxidase. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1197991082
Molecular Weight	42,445 Da
NCBI Official Full Name	LOX, partial
UniProt Protein Name	LOX
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/human-elisa-kits/lox-lysyl-oxidase/44303>