

Pig lysyl oxidase ELISA Kit | LOX elisa kit

Pig Lysyl Oxidase ELISA Kit

CATALOG #
AAA80819

REACTIVITY
Pig

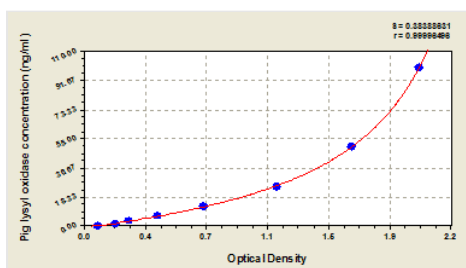
PRODUCT SYNONYMS

lysyl oxidase; Pig Lysyl Oxidase ELISA Kit; MGC105112; protein-lysine 6-oxidase; LOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig lysyl oxidase. No significant cross-reactivity or interference between pig lysyl oxidase and analogues was observed.
Sequence Length	249
Samples	Serum, plasma and tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 ng/ml -100 ng/ml
Sensitivity	Typically less than 0.39 ng/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 LOX elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	145559493
UniProt Accession #	P45845; Q7M3F0
Molecular Weight	29,073 Da
NCBI Official Full Name	Protein-lysine 6-oxidase
UniProt Protein Name	Protein-lysine 6-oxidase
UniProt Gene Name	LOX
UniProt Entry Name	LYOX_PIG

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/lox-pig-elisa-kits/lysyl-oxidase/80819>