

## Mouse lysyl oxidase-like 2 ELISA Kit | LOXL2 elisa kit

Mouse Lysyl oxidase homolog 2, LOXL2 ELISA Kit

CATALOG #  
**AAA112396**

REACTIVITY  
**Mouse**

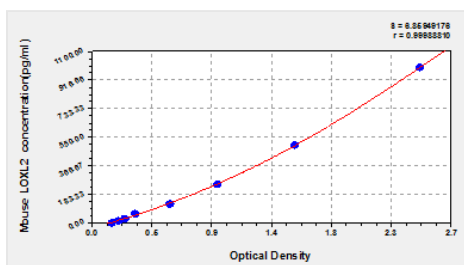
### PRODUCT SYNONYMS

lysyl oxidase-like 2; Mouse Lysyl oxidase homolog 2; LOXL2 ELISA Kit; Mouse Lysyl oxidase homolog 2 (LOXL2) ELISA kit; LOR2; WS9-14; lysyl oxidase homolog 2; lysyl oxidase related 2; LOXL2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse LOXL2. No significant cross-reactivity or interference between mouse LOXL2 and analogues was observed. |
| Sequence Length         | 776                                                                                                                                                                                     |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                       |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                   |
| Detection Range         | 15.6 pg/ml-1000 pg/ml                                                                                                                                                                   |
| Sensitivity             | < 3.9 pg/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 LOXL2 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LOXL2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LOXL2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LOXL2 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 LOXL2 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 225579028                                             |
| NCBI GeneID                      | 94352                                                 |
| NCBI Accession #                 | NP_201582.2                                           |
| NCBI GenBank Nucleotide #        | NM_033325.2                                           |
| UniProt Accession #              | P58022; Q8BRE6; Q8BS86; Q8C4K0; Q9JJ39                |
| Molecular Weight                 | 87,003 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    | 1110004B06Rik; 4930526G11Rik; 9430067E15Rik           |
| NCBI Protein Information         | lysyl oxidase homolog 2; lysyl oxidase-like protein 2 |
| UniProt Protein Name             | Lysyl oxidase homolog 2                               |
| UniProt Gene Name                | Loxl2                                                 |
| UniProt Entry Name               | LOXL2_MOUSE                                           |

**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.