

## Rat 5-LO (Arachidonate 5-Lipoxygenase) ELISA Kit | Alox5 elisa kit

Rat 5-LO (Arachidonate 5-Lipoxygenase) QuickTest ELISA Kit

CATALOG #  
**AAA252850**

REACTIVITY  
**Rat**

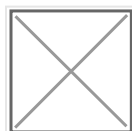
### PRODUCT SYNONYMS

5-LO (Arachidonate 5-Lipoxygenase); Rat 5-LO (Arachidonate 5-Lipoxygenase) QuickTest ELISA Kit; Polyunsaturated fatty acid 5-lipoxygenase; Arachidonate 5-lipoxygenase; 5-LO; 5-lipoxygenase; Alox5; Alox5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                   |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                       |
| Samples                 | Serum, plasma, cell culture supernatant, cell lysate or tissue lysate, other biological fluid samples |
| Detection Range         | 0.156-10ng/ml                                                                                         |
| Sensitivity             | 0.094ng/ml                                                                                            |
| Time                    | 120 minutes                                                                                           |
| Preparation and Storage | Store at 2-8 degree C for 12 months                                                                   |

### IMAGES



Standard Curve (Sample)

### NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | <a href="#">6978493</a>     |
| NCBI GeneID                      | <a href="#">25290</a>       |
| NCBI Accession #                 | <a href="#">NP_036954.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_012822.1</a> |
| UniProt Accession #              | <a href="#">P12527</a>      |
| Molecular Weight                 | 78,087 Da                   |
| NCBI Official Full Name          | arachidonate 5-lipoxygenase |
| NCBI Official Synonym Full Names | arachidonate 5-lipoxygenase |
| NCBI Official Symbol             | Alox5                       |
| NCBI Official Synonym Symbols    | LOX5A                       |
| NCBI Protein Information         | arachidonate 5-lipoxygenase |
| UniProt Protein Name             | Arachidonate 5-lipoxygenase |

|                            |                      |
|----------------------------|----------------------|
| UniProt Gene Name          | Alox5                |
| UniProt Synonym Gene Names | 5-LO; 5-lipoxygenase |
| UniProt Entry Name         | LOX5_RAT             |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/alox5-rat-elisa-kits/5-lo-arachidonate-5-lipoxygenase/252850>