

Rat Arachidonate-5-Lipoxygenase (ALOX-5) ELISA Kit | ALOX-5 elisa kit

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CATALOG # AAA54569	REACTIVITY Rat
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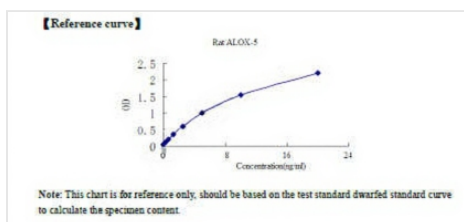
PRODUCT SYNONYMS

Arachidonate-5-Lipoxygenase (ALOX-5); Rat Arachidonate-5-Lipoxygenase (ALOX-5) ELISA Kit; ALOX-5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	673
Samples	Rat Serum, Plasma Or Cell Culture Supernatant And Organizations In The Natural And Recombinant Ages Concentration
Assay Type	Sandwich
Detection Range	500 ng/ml-7.8 ng/ml
Sensitivity	0.8 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALOX-5 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat AGEs monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	528078462
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NCBI GeneID	101839970
NCBI Accession #	NP_001268516.1
NCBI GenBank Nucleotide #	NM_001281587.1
Molecular Weight	77,873 Da
NCBI Official Full Name	arachidonate 5-lipoxygenase
NCBI Official Symbol	Alox5
NCBI Official Synonym Symbols	5-LO
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_MESAU

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/rat-elisa-kits/arachidonate-5-lipoxygenase-alox-5/54569>