

Mouse Lactoperoxidase (LPO) RTU ELISA Kit | LPO rtu elisa kit

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CATALOG #
AAA216858

REACTIVITY
Mouse

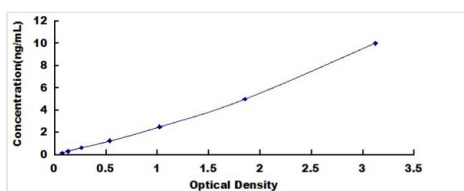
PRODUCT SYNONYMS

Lactoperoxidase (LPO); Mouse Lactoperoxidase (LPO) ELISA Kit; SPO; Salivary peroxidase; LPO rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	710
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.092ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPO rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LPO. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LPO. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LPO, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of LPO in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

238550173

NCBI GeneID	76113
NCBI Accession #	NP_536345.2
NCBI GenBank Nucleotide #	NM_080420.2
UniProt Accession #	Q5SW46
Molecular Weight	80,124 Da
NCBI Official Full Name	lactoperoxidase
NCBI Official Synonym Full Names	lactoperoxidase
NCBI Official Symbol	Lpo
NCBI Official Synonym Symbols	5830499B15Rik
NCBI Protein Information	lactoperoxidase
UniProt Protein Name	Lactoperoxidase
UniProt Gene Name	Lpo

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

Online datasheet: <https://www.aaabiotech.com/mouse-rtu-elisa-kits/lactoperoxidase-lpo/216858>