

Mouse Oxysterols receptor LXR-alpha ELISA Kit | Nr1h3 elisa kit

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CATALOG #
AAA191506

REACTIVITY
Mouse

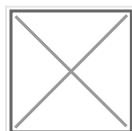
PRODUCT SYNONYMS

Oxysterols receptor LXR-alpha; Mouse Oxysterols receptor LXR-alpha ELISA Kit; Liver X receptor alpha; Nuclear receptor subfamily 1 group H member 3; Nr1h3; Lxra; Nr1h3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Oxysterols receptor LXR-alpha. No significant cross-reactivity or interference was observed.
Sequence Length	445
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.7%
Recovery	87%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nr1h3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Oxysterols receptor LXR-alpha concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Oxysterols receptor LXR-alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Oxysterols receptor LXR-alpha and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Oxysterols receptor LXR-alpha, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Oxysterols receptor LXR-alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295148193
NCBI GeneID	22259
NCBI Accession #	NP_001171201.1
NCBI GenBank Nucleotide #	NM_001177730.1
UniProt Accession #	Q9Z0Y9; Q9QUH7
Molecular Weight	50,418 Da
NCBI Official Full Name	oxysterols receptor LXR-alpha
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 3
NCBI Official Symbol	Nr1h3
NCBI Official Synonym Symbols	LXR; RLD1; Unr1; AU018371
NCBI Protein Information	oxysterols receptor LXR-alpha
UniProt Protein Name	Oxysterols receptor LXR-alpha
UniProt Gene Name	Nr1h3
UniProt Synonym Gene Names	Lxra
UniProt Entry Name	NR1H3_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.

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Online datasheet: <https://stage.aaabiotech.com/nr1h3-mouse-elisa-kits/oxysterols-receptor-lxr-alpha/191506>