

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

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CATALOG #
AAA56529

REACTIVITY
Rat

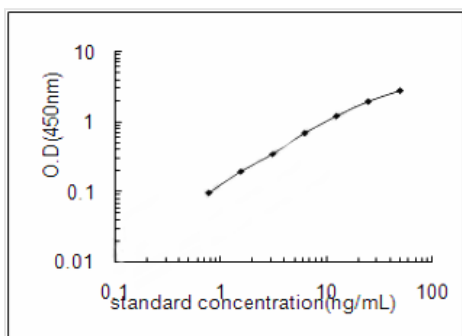
PRODUCT SYNONYMS

Oxysterols receptor LXR-alpha; Rat Oxysterols receptor LXR-alpha ELISA Kit; Nr1h3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Oxysterols receptor LXR-alpha. No significant cross-reactivity or interference was observed.
Sequence Length	453
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.407 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=10.3%
Recovery	105%
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	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11465384
NCBI GeneID	58852
UniProt Accession #	Q62685
Molecular Weight	50,555 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	LXRalpha
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_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.