

Human Oxysterols receptor LXR-alpha ELISA Kit | NR1H3 elisa kit

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CATALOG #
AAA98050

REACTIVITY
Human

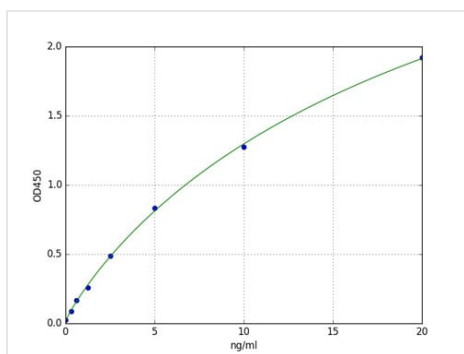
PRODUCT SYNONYMS

Oxysterols receptor LXR-alpha; Human Oxysterols receptor LXR-alpha ELISA Kit; NR1H3 (Oxysterols receptor LXR-alpha) Liver X receptor alpha/Nuclear receptor subfamily 1 group H member 3/LXRA/LXR-a/RLD-1; NR1H3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	453
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human NR1H3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.021	0.134	0.253	0.463	0.799	1.312	1.976	2.359

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NR1H3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human NR1H3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NR1H3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human NR1H3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NR1H3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	353731060
NCBI GeneID	10062
NCBI Accession #	NP_001238864.1
NCBI GenBank Nucleotide #	NM_001251935.1
Molecular Weight	45,692 Da
NCBI Official Full Name	oxysterols receptor LXR-alpha isoform 4
NCBI Official Synonym Full Names	nuclear receptor subfamily 1 group H member 3
NCBI Official Symbol	NR1H3
NCBI Official Synonym Symbols	LXRA; LXR-a; RLD-1
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_HUMAN

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://stage.aaabiotech.com/nr1h3-human-elisa-kits/oxysterols-receptor-lxr-alpha/98050>