

Mouse Bile acid receptor (NR1H4) ELISA Kit | NR1H4 elisa kit

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CATALOG #
AAA245346

REACTIVITY
Mouse

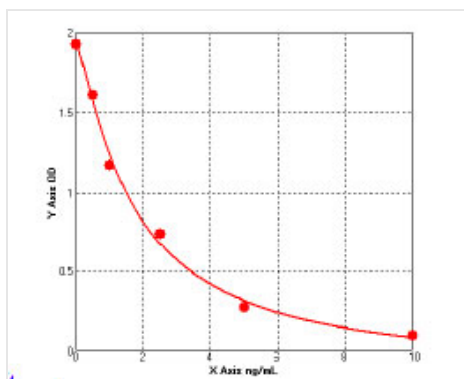
PRODUCT SYNONYMS

Bile acid receptor (NR1H4); Mouse Bile acid receptor (NR1H4) ELISA Kit; NR1H4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NR1H4 elisa kit

Intended Uses: This NPHN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse NPHN. This ELISA kit for research use only!

Principle of the Assay: NPHN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NPHN antibody and an NPHN-HRP conjugate. The assay sample and buffer are incubated together with NPHN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NPHN concentration since NPHN from samples and NPHN-HRP conjugate compete for the anti-NPHN antibody binding site. Since the number of sites is limited, as more sites are occupied by NPHN from the sample, fewer sites are left to bind NPHN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NPHN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	332801067
NCBI GeneID	9971
NCBI Accession #	NP_001193922.1
NCBI GenBank Nucleotide #	NM_001206993.1
Molecular Weight	48,795 Da
NCBI Official Full Name	bile acid receptor isoform 3
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 4
NCBI Official Symbol	NR1H4
NCBI Official Synonym Symbols	BAR; FXR; HRR1; HRR-1; RIP14
NCBI Protein Information	bile acid receptor; farnesol receptor HRR-1; RXR-interacting protein 14; farnesoid X nuclear receptor; farnesoid X-activated receptor; retinoid X receptor-interacting protein 14
UniProt Protein Name	Bile acid receptor
UniProt Gene Name	NR1H4
UniProt Synonym Gene Names	BAR; FXR; HRR1; RIP14; RXR-interacting protein 14
UniProt Entry Name	NR1H4_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/bile-acid-receptor-nr1h4/245346>