

Rat Farnesoid X Receptor (FXR) ELISA Kit | FXR elisa kit

Rat Farnesoid X Receptor (FXR) Mini ELISA Kit

CATALOG #
AAA149109

REACTIVITY
Rat

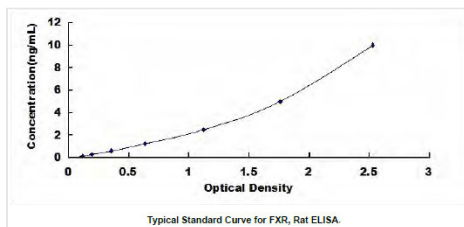
PRODUCT SYNONYMS

Farnesoid X Receptor (FXR); Rat Farnesoid X Receptor (FXR) Mini ELISA Kit; NR1H4; BAR; FXR; HRR1; RIP14; Nuclear Receptor Subfamily 1; Group H; Member 4; Bile acid receptor; Farnesol receptor HRR-1; Retinoid X receptor-interacting protein 14; FXR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FSH. No significant cross-reactivity or interference between FSH and analogues was observed.
Sequence Length	568
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.060ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FSH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FSH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FXR elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FSH in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FSH. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FSH. 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 FSH, 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 +/- 10nm. The concentration of FSH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FXR elisa kit	Signal transduction; Metabolic pathway; Endocrinology; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	58865930
NCBI GeneID	361927
NCBI Accession #	NP_001012179.1
NCBI GenBank Nucleotide #	NM_001012179.2
UniProt Accession #	Q5XI81
Molecular Weight	63,947 Da
NCBI Official Full Name	fragile X mental retardation syndrome-related protein 1
NCBI Official Synonym Full Names	FMR1 autosomal homolog 1
NCBI Official Symbol	Fxr1
NCBI Official Synonym Symbols	Fxr1h
NCBI Protein Information	fragile X mental retardation syndrome-related protein 1
UniProt Protein Name	Fragile X mental retardation syndrome-related protein 1
UniProt Gene Name	Fxr1

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/rat-elisa-kits/farnesoid-x-receptor-fxr/149109>