

Human Nuclear Receptor Subfamily 1, Group D, Member 2 (NR1D2) ELISA Kit | NR1D2 elisa kit

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CATALOG # AAA68624	REACTIVITY Human
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PRODUCT SYNONYMS

Nuclear Receptor Subfamily 1; Group D; Member 2 (NR1D2); Human Nuclear Receptor Subfamily 1; Member 2 (NR1D2) ELISA Kit; HZF2; BD73; EAR-1r; RVR; Rev-ErbA Beta; Orphan nuclear hormone receptor BD73; Rev-erb alpha-related receptor; V-erbA-related protein 1-related; NR1D2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NR1D2. No significant cross-reactivity or interference between NR1D2 and analogues was observed.
Sequence Length	579
Samples	tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.128ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NR1D2 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 NR1D2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NR1D2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NR1D2 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NR1D2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NR1D2. 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 NR1D2, 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 NR1D2 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 #	224177491
NCBI GeneID	9975
NCBI Accession #	NP_005117.3
NCBI GenBank Nucleotide #	NM_005126.4
UniProt Accession #	Q14995; O00402; Q86XD4; B2R8Q3
Molecular Weight	64,625 Da
NCBI Official Full Name	nuclear receptor subfamily 1 group D member 2 isoform 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1 group D member 2
NCBI Official Symbol	NR1D2
NCBI Official Synonym Symbols	RVR; BD73; EAR-1R
NCBI Protein Information	nuclear receptor subfamily 1 group D member 2
UniProt Protein Name	Nuclear receptor subfamily 1 group D member 2
UniProt Gene Name	NR1D2
UniProt Synonym Gene Names	RVR; EAR-1R

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/human-elisa-kits/nuclear-receptor-subfamily-1-group-d-member-2-nr1d2/68624>