

Human NR2C1 (Nuclear receptor subfamily 2 group C member 1) ELISA Kit | NR2C1 elisa kit

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CATALOG # AAA248918	REACTIVITY Human
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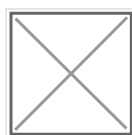
PRODUCT SYNONYMS

NR2C1 (Nuclear receptor subfamily 2 group C member 1); Human NR2C1 (Nuclear receptor subfamily 2 group C member 1) ELISA Kit; NR2C1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NR2. No significant cross-reactivity or interference between NR2 and analogues was observed.
Sequence Length	590
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NR2 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for NR2C1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-NR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-NR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 NR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of NR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171846245
NCBI GeneID	22025
NCBI Accession #	NP_035759.3
NCBI GenBank Nucleotide #	NM_011629.3
UniProt Accession #	Q505F1; P97763; Q0VGP8; Q3UIJ7; Q4U1Z4; Q60927; Q62152; Q8VIJ3
Molecular Weight	28,225 Da
NCBI Official Full Name	nuclear receptor subfamily 2 group C member 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 2, group C, member 1
NCBI Official Symbol	Nr2c1
NCBI Official Synonym Symbols	TR2; 80.3; Eenr; Tr2-11; 4831444H07Rik
NCBI Protein Information	nuclear receptor subfamily 2 group C member 1
UniProt Protein Name	Nuclear receptor subfamily 2 group C member 1
UniProt Gene Name	Nr2c1
UniProt Synonym Gene Names	mTR2

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/nr2c1-nuclear-receptor-subfamily-2-group-c-member-1/248918>