

Human Photoreceptor-specific nuclear receptor ELISA Kit | NR2E3 elisa kit

Human Photoreceptor-specific nuclear receptor (NR2E3) ELISA Kit

CATALOG # AAA55689	REACTIVITY Human
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PRODUCT SYNONYMS

Photoreceptor-specific nuclear receptor; Human Photoreceptor-specific nuclear receptor (NR2E3) ELISA Kit; NR2E3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NR2E3. No significant cross-reactivity or interference between Human NR2E3 and analogues was observed.
Sequence Length	367
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	7.8 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NR2E3 elisa kit	Intended Uses: For the quantitative detection of Human Photoreceptor-specific nuclear receptor (NR2E3) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NR2E3 in Human serum, plasma, tissue homogenates. An antibody specific for NR2E3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NR2E3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NR2E3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NR2E3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657395
NCBI GeneID	10002
NCBI Accession #	NP_055064.1
NCBI GenBank Nucleotide #	NM_014249.3

UniProt Accession #	Q9Y5X4; Q9UHM4; B6ZGU0
Molecular Weight	39,638 Da
NCBI Official Full Name	photoreceptor-specific nuclear receptor isoform b
NCBI Official Synonym Full Names	nuclear receptor subfamily 2 group E member 3
NCBI Official Symbol	NR2E3
NCBI Official Synonym Symbols	PNR; RNR; rd7; ESCS; RP37
NCBI Protein Information	photoreceptor-specific nuclear receptor
UniProt Protein Name	Photoreceptor-specific nuclear receptor
UniProt Gene Name	NR2E3
UniProt Synonym Gene Names	PNR; RNR

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://www.aaabiotech.com/nr2e3-human-elisa-kits/photoreceptor-specific-nuclear-receptor/55689>