

Rat Neuron Derived Orphan Receptor 1 (NOR1) ELISA Kit | NOR1 elisa kit

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CATALOG #
AAA63613

REACTIVITY
Rat

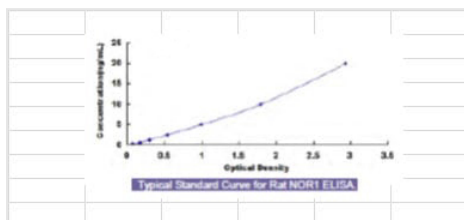
PRODUCT SYNONYMS

Neuron Derived Orphan Receptor 1 (NOR1); Rat Neuron Derived Orphan Receptor 1 (NOR1) ELISA Kit; NR4A3; NR4-A3; CHN; TEC; CSMF; MINOR; NOR1; Nuclear Receptor Subfamily 4; Group A; Member 3; Mitogen-induced nuclear orphan receptor; Nuclear hormone receptor NOR-1; NOR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of NOR1. No significant cross-reactivity or interference between NOR1 and analogues was observed.
Sequence Length	628
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NOR1 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 NOR1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOR1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NOR1 in rat tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NOR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NOR1. 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 NOR1, 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 NOR1 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 #	13994173
NCBI GeneID	58853
NCBI Accession #	NP_113816.1
NCBI GenBank Nucleotide #	NM_031628.1
UniProt Accession #	P51179; Q2XPY2; Q63516; Q9QWQ3
Molecular Weight	46,240 Da
NCBI Official Full Name	nuclear receptor subfamily 4 group A member 3
NCBI Official Synonym Full Names	nuclear receptor subfamily 4, group A, member 3
NCBI Official Symbol	Nr4a3
NCBI Official Synonym Symbols	NOR-2
NCBI Protein Information	nuclear receptor subfamily 4 group A member 3
UniProt Protein Name	Nuclear receptor subfamily 4 group A member 3
UniProt Gene Name	Nr4a3
UniProt Synonym Gene Names	Nor1

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.