

Mouse Nuclear Receptor Subfamily 3, Group C, Member 1 (NR3C1) ELISA Kit | NR3C1 elisa kit

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CATALOG # AAA68626	REACTIVITY Mouse
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PRODUCT SYNONYMS

Nuclear Receptor Subfamily 3; Group C; Member 1 (NR3C1); Mouse Nuclear Receptor Subfamily 3; Member 1 (NR3C1) ELISA Kit; GR; GCCR; GCR; GRL; NR3-C1; Glucocorticoid Receptor; NR3C1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NR3C1. No significant cross-reactivity or interference between NR3C1 and analogues was observed.
Sequence Length	783
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	< 33.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NR3C1 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 NR3C1 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 NR3C1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NR3C1 in mouse tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NR3C1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NR3C1. 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 NR3C1, 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 NR3C1 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 #	121073
NCBI GeneID	14815
UniProt Accession #	P06537; Q61628; Q61629; E0ZPU5
Molecular Weight	81,888 Da
NCBI Official Full Name	Glucocorticoid receptor
NCBI Official Synonym Full Names	nuclear receptor subfamily 3, group C, member 1
NCBI Official Symbol	Nr3c1
NCBI Official Synonym Symbols	GR; Grl1; Grl-1
NCBI Protein Information	glucocorticoid receptor
UniProt Protein Name	Glucocorticoid receptor
UniProt Gene Name	Nr3c1
UniProt Synonym Gene Names	Grl; Grl1; GR

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/mouse-elisa-kits/nuclear-receptor-subfamily-3-group-c-member-1-nr3c1/68626>