

Rat nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) ELISA Kit | NR3C1 elisa kit

Rat glucocorticoid receptor, GR ELISA Kit

CATALOG # AAA79521	REACTIVITY Rat
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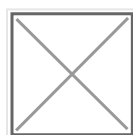
PRODUCT SYNONYMS

nuclear receptor subfamily 3; group C; member 1 (glucocorticoid receptor); Rat glucocorticoid receptor; GR ELISA Kit; GCCR; GCR; GR; GRL; glucocorticoid receptor; NR3C1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat NR3C1. No significant cross-reactivity or interference between Rat NR3C1 and analogues was observed.
Sequence Length	772
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transcription/Transcription regulation
Protein Biological Process 3	Transcription
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NR3C1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GR is added to the wells. After washing, avidin 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 GR 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 #	126723281
NCBI GeneID	100008890
NCBI Accession #	NP_001075616.1
NCBI GenBank Nucleotide #	NM_001082147.1
UniProt Accession #	P59667
Molecular Weight	84,863 Da
NCBI Official Full Name	glucocorticoid receptor
NCBI Official Symbol	NR3C1
NCBI Protein Information	glucocorticoid receptor; GR; glucocorticoid receptor alpha; nuclear receptor subfamily 3 group C member 1
UniProt Protein Name	Glucocorticoid receptor
UniProt Gene Name	NR3C1
UniProt Synonym Gene Names	GRL; GR
UniProt Entry Name	GCR_RABIT

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/nr3c1-rat-elisa-kits/nuclear-receptor-subfamily-3-group-c-member-1-glucocorticoid-receptor/79521>