

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

Human Glucocorticoid receptor, NR3C1 ELISA Kit

CATALOG #
AAA112323

REACTIVITY
Human

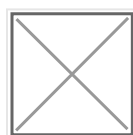
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NR3C1. No significant cross-reactivity or interference between Human NR3C1 and analogues was observed.
Sequence Length	777
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.81 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 NR3C1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NR3C1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NR3C1 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 NR3C1 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 #	4504133
NCBI GeneID	2908
NCBI Accession #	NP_000167.1
NCBI GenBank Nucleotide #	NM_000176.2
UniProt Accession #	P04150; P04151; Q53EP5; Q6N0A4; A0ZXF9; B0LPG8; D3DQF4
Molecular Weight	85,659 Da
NCBI Official Full Name	glucocorticoid receptor isoform alpha
NCBI Official Synonym Full Names	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)
NCBI Official Symbol	NR3C1
NCBI Official Synonym Symbols	GR; GCR; GRL; GCCR
NCBI Protein Information	glucocorticoid receptor; glucocorticoid nuclear receptor variant 1
UniProt Protein Name	Glucocorticoid receptor
UniProt Gene Name	NR3C1
UniProt Synonym Gene Names	GRL; GR
UniProt Entry Name	GCR_HUMAN

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-human-elisa-kits/nuclear-receptor-subfamily-3-group-c-member-1-glucocorticoid-receptor/112323>