

Chicken Glucocorticoid receptor (NR3C1) ELISA Kit | NR3C1 elisa kit

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CATALOG #
AAA245808

REACTIVITY
Chicken

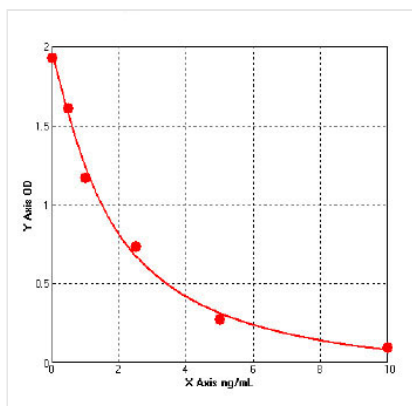
PRODUCT SYNONYMS

Glucocorticoid receptor (NR3C1); Chicken Glucocorticoid receptor (NR3C1) ELISA Kit; NR3C1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NR3C1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NR3C1 elisa kit	Principle of the Assay: NR3C1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-NR3C1 antibody and an NR3C1-HRP conjugate. The assay sample and buffer are incubated together with NR3C1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NR3C1 concentration since NR3C1 from samples and NR3C1-HRP conjugate compete for the anti-NR3C1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NR3C1 from the sample, fewer sites are left to bind NR3C1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NR3C1 concentration in each sample is interpolated from this standard curve. Intended Uses: This NR3C1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken NR3C1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for NR3C1 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	239758
NCBI GeneID	2908
Molecular Weight	82,904 Da
NCBI Official Full Name	glucocorticoid receptor, partial
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; GCRST
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.