

Canine Glucocorticoid receptor-alpha ELISA Kit | GR-alpha elisa kit

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CATALOG #
AAA92891

REACTIVITY
Canine

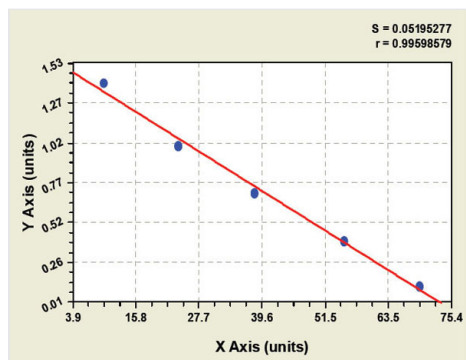
PRODUCT SYNONYMS

Glucocorticoid receptor-alpha; Canine Glucocorticoid receptor-alpha ELISA Kit; Canine Glucocorticoid receptor-a ELISA Kit; GR-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GR-alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GR-alpha. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GR-alpha elisa kit	Principle of the Assay: GR-alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GR-alpha antibody and an GR-alpha-HRP conjugate. The assay sample and buffer are incubated together with GR-alpha-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 GR-alpha concentration since GR-alpha from samples and GR-alpha-HRP conjugate compete for the anti-GR-alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by GR-alpha from the sample, fewer sites are left to bind GR-alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GR-alpha concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GR-alpha elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504133
NCBI GeneID	2908
NCBI Accession #	NP_000167.1
NCBI GenBank Nucleotide #	NM_000176.2
NCBI Official Full Name	glucocorticoid receptor isoform alpha

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/gr-alpha-canine-elisa-kits/glucocorticoid-receptor-alpha/92891>