

Canine Progesterone Receptor ELISA Kit | PGR elisa kit

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CATALOG #
AAA90507

REACTIVITY
Canine

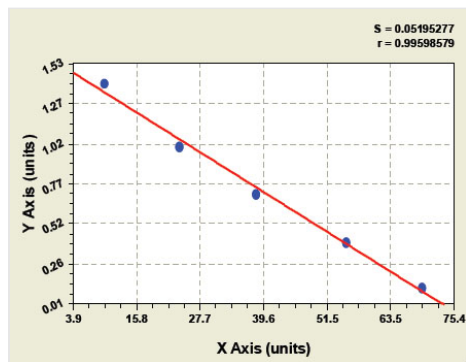
PRODUCT SYNONYMS

Progesterone Receptor; Canine Progesterone Receptor ELISA Kit; PGR 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 PGR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine PGR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	124111288
Molecular Weight	38,494 Da
NCBI Official Full Name	PGR, partial
UniProt Protein Name	PGR
UniProt Gene Name	PGR
UniProt Entry Name	A2T787_PANTR

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/pgr-canine-elisa-kits/progesterone-receptor/90507>