

Porcine Progesterone Receptor ELISA Kit | PGR elisa kit

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CATALOG #
AAA90619

REACTIVITY
Porcine

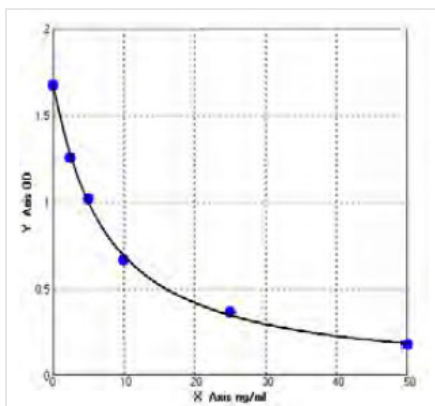
PRODUCT SYNONYMS

Progesterone Receptor; Porcine Progesterone Receptor ELISA Kit; PGR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of PR. No significant cross-reactivity or interference between PR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PR 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
Intended Uses	This PGR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine 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: PR ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PR antibody and an PR-HRP conjugate. The assay sample and buffer are incubated together with PR-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 PR concentration since PR from samples and PR-HRP conjugate compete for the anti-PR antibody binding site. Since the number of sites is limited, as more sites are occupied by PR from the sample, fewer sites are left to bind PR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PR concentration in each sample is interpolated from this standard curve. Intended Uses: This PR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine PR. This ELISA kit for research use only, not for therapeutic or test applications!
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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://www.aaabiotech.com/pgr-porcine-elisa-kits/progesterone-receptor/90619>