

Porcine progesterone (PROG) ELISA Kit | PROG elisa kit

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CATALOG #
AAA53096

REACTIVITY
Porcine

PRODUCT SYNONYMS

progesterone (PROG); Porcine progesterone (PROG) ELISA kit; PROG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	No cross-reaction with other factors.
Sequence Length	933
Assay Type	Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PROG elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Porcine PROG monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611914
NCBI GeneID	5241
NCBI Accession #	NP_000917.3
NCBI GenBank Nucleotide #	NM_000926.4
Molecular Weight	87,747 Da
NCBI Official Full Name	progesterone receptor isoform B
NCBI Official Synonym Full Names	progesterone receptor
NCBI Official Symbol	PGR
NCBI Official Synonym Symbols	PR; NR3C3

NCBI Protein Information	progesterone receptor; nuclear receptor subfamily 3 group C member 3
UniProt Protein Name	Progesterone receptor
UniProt Gene Name	PGR
UniProt Synonym Gene Names	NR3C3; PR
UniProt Entry Name	PRGR_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://www.aaabiotech.com/porcine-elisa-kits/progesterone-prog/53096>