

Pig Prolactin ELISA Kit | PRL elisa kit

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CATALOG #
AAA191781

REACTIVITY
Pig

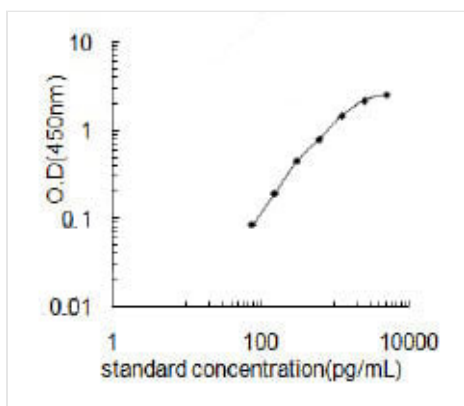
PRODUCT SYNONYMS

Prolactin; Pig Prolactin ELISA Kit; PRL; PRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	Recombinant and natural Pig Prolactin,PRL
Sequence Length	229
Detection Range	78-5000 pg/mL
Sensitivity	< 31 pg/mL
Intra-assay Precision	<=4.9%
Inter-assay Precision	<=8.3%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRL elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig PRL concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PRL and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PRL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of PRL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47522634
NCBI GeneID	396965
NCBI Accession #	NP_999091.1
NCBI GenBank Nucleotide #	NM_213926.1
UniProt Accession #	P01238
Molecular Weight	26,141 Da
NCBI Official Full Name	prolactin
NCBI Official Symbol	PRL
NCBI Protein Information	prolactin
UniProt Protein Name	Prolactin
UniProt Gene Name	PRL
UniProt Synonym Gene Names	PRL
UniProt Entry Name	PRL_PIG

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.