

Rat Prolactin ELISA Kit | Prl elisa kit

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CATALOG #
AAA190679

REACTIVITY
Rat

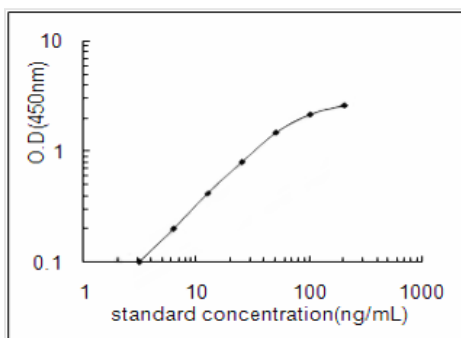
PRODUCT SYNONYMS

Prolactin; Rat Prolactin ELISA Kit; PRL; Prl; Prl elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat PRL. No significant cross-reactivity or interference was observed.
Sequence Length	226
Assay Type	Sandwich
Detection Range	3.12-200 ng/mL
Sensitivity	1.69 ng/mL
Intra-Assay CV	<=5.2%
Inter-Assay CV	<=8.1%
Recovery	90%
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 rat 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 #	6981404
NCBI GeneID	24683
NCBI Accession #	NP_036761.1
NCBI GenBank Nucleotide #	NM_012629.1
UniProt Accession #	P01237; P70520
Molecular Weight	25,753 Da
NCBI Official Full Name	prolactin
NCBI Official Synonym Full Names	prolactin
NCBI Official Symbol	Prl
NCBI Official Synonym Symbols	Gha1; PRLB; Prol; PRLSD1; Prl1a1; RNPROL; RATPRLSD1
NCBI Protein Information	prolactin
UniProt Protein Name	Prolactin
UniProt Gene Name	Prl
UniProt Synonym Gene Names	PRL
UniProt Entry Name	PRL_RAT

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/prl-rat-elisa-kits/prolactin/190679>