

Monkey PRL ELISA Kit | PRL elisa kit

Monkey PRL(Prolactin)ELISA Kit

CATALOG #
AAA21477

REACTIVITY
Monkey

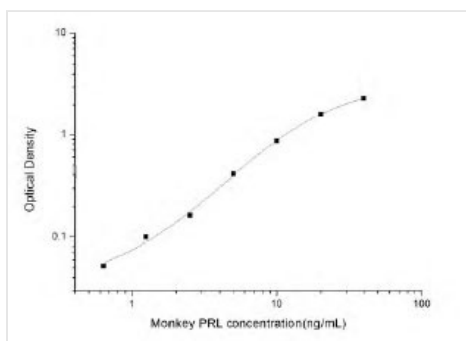
PRODUCT SYNONYMS

PRL; Monkey PRL(Prolactin)ELISA Kit; PRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey PRL in samples. No significant cross-reactivity or interference between Monkey PRL and analogues was observed.
Sequence Length	227
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.63-40ng/mL
Sensitivity	0.38ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey PRL were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey PRL were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRL elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey PRL concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey PRL. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey PRL and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey PRL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Monkey PRL. You can calculate the concentration of Monkey PRL in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130930
NCBI GeneID	5617
UniProt Accession #	P01236; Q15199; Q92996
Molecular Weight	25,876 Da
NCBI Official Full Name	Prolactin
NCBI Official Synonym Full Names	prolactin
NCBI Official Symbol	PRL
NCBI Protein Information	prolactin; decidual prolactin
UniProt Protein Name	Prolactin
UniProt Gene Name	PRL
UniProt Synonym Gene Names	PRL
UniProt Entry Name	PRL_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://stage.aaabiotech.com/monkey-elisa-kits/prl/21477>