

Rat prolactin ELISA Kit | PRL elisa kit

rat prolactin, PRL ELISA Kit

CATALOG #
AAA80722

REACTIVITY
Rat

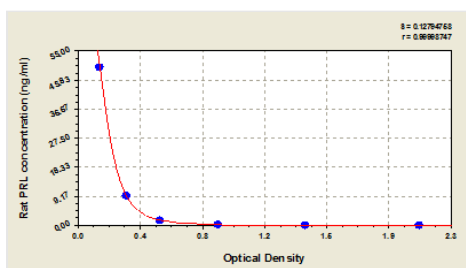
PRODUCT SYNONYMS

prolactin; rat prolactin; PRL ELISA Kit; PRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PRL. No significant cross-reactivity or interference between rat PRL and analogues was observed.
Sequence Length	227
Samples	Serum, plasma, cell culture supernates, tissue homogenates, cell lysates
Assay Type	Quantitative Competitive
Detection Range	0.125 ng/ml-50 ng/ml
Sensitivity	< 0.125 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRL elisa kit

Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for PRL and Horseradish Peroxidase (HRP) conjugated PRL. The competitive inhibition reaction is launched between with HRP labeled PRL and unlabeled PRL with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of PRL in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130504953
NCBI GeneID	100009394
NCBI Accession #	NP_001076144.1
NCBI GenBank Nucleotide #	NM_001082675.1
UniProt Accession #	Q28632
Molecular Weight	25,990 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_RABIT

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/prl-rat-elisa-kits/prolactin/80722>