

Horse Prolactin ELISA Kit | PRL elisa kit

Horse Prolactin (PRL) ELISA Kit

CATALOG # AAA55464	REACTIVITY Horse
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse PRL. No significant cross-reactivity or interference between Horse PRL and analogues was observed.
Sequence Length	227
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	6.25 ng/mL - 400 ng/mL
Sensitivity	3.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PRL elisa kit	Intended Uses: For the quantitative detection of Horse Prolactin (PRL) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PRL in Horse serum, plasma. An antibody specific for PRL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRL is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRL bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126352562
NCBI GeneID	100034034
NCBI Accession #	NP_001075365.1
NCBI GenBank Nucleotide #	NM_001081896.1
UniProt Accession #	P12420; Q6UBP9

Molecular Weight	26,256 Da
NCBI Official Full Name	prolactin
NCBI Official Symbol	PRL
NCBI Official Synonym Symbols	GHA1
NCBI Protein Information	prolactin
UniProt Protein Name	Prolactin
UniProt Gene Name	PRL
UniProt Synonym Gene Names	PRL

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-horse-elisa-kits/prolactin/55464>