

Bovine prolactin ELISA Kit | PRL elisa kit

Bovine Prolactin/Luteotropic Hormone, PRL/LTH ELISA Kit

CATALOG #
AAA15426

REACTIVITY
Bovine

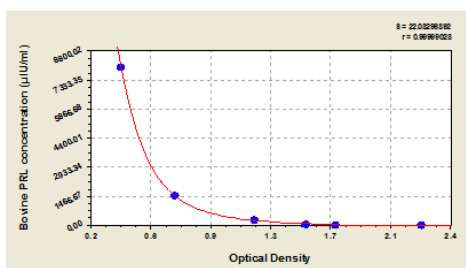
PRODUCT SYNONYMS

prolactin; Bovine Prolactin/Luteotropic Hormone; PRL/LTH ELISA Kit; Bovine Prolactin/Luteotropic Hormone (PRL/LTH) ELISA Kit; PRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine PRL. No significant cross-reactivity or interference between bovine PRL and analogues was observed.
Sequence Length	229
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	20 uIU/ml-8000 uIU/ml
Sensitivity	<20 uIU/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 #	46810277
NCBI GeneID	280901
NCBI Accession #	NP_776378.2
NCBI GenBank Nucleotide #	NM_173953.2
UniProt Accession #	P01239; Q29417; Q95112; A6QLX8
Molecular Weight	25,793 Da
NCBI Official Full Name	prolactin
NCBI Official Synonym Full Names	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_BOVIN

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-bovine-ovine-elisa-kits/prolactin/15426>