

Cattle PRL (Prolactin) ELISA Kit | PRL elisa kit

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CATALOG #
AAA278697

REACTIVITY
Cattle

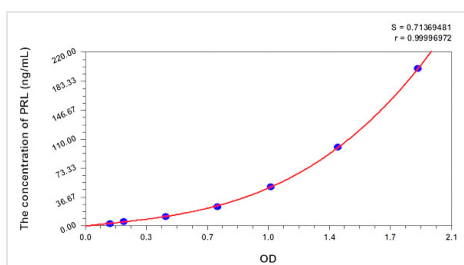
PRODUCT SYNONYMS

PRL (Prolactin); Cattle PRL (Prolactin) ELISA Kit; LTH; Luteotropic Hormone; PRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	1.39ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRL elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cattle PRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PRL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cattle PRL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Cattle PRL in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PRL elisa kit

[Endocrinology](#); [Reproductive science](#); [Genetic science](#); [Hormone metabolism](#)

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 Symbol	PRL
NCBI Official Synonym Symbols	GHA1; Prol
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/cat-cattle-elisa-kits/prl-prolactin/278697>