

Sheep prolactin ELISA Kit | PRL elisa kit

Sheep Prolactin/Luteotropic Hormone, PRL/LTH ELISA Kit

CATALOG # AAA80086	REACTIVITY Sheep
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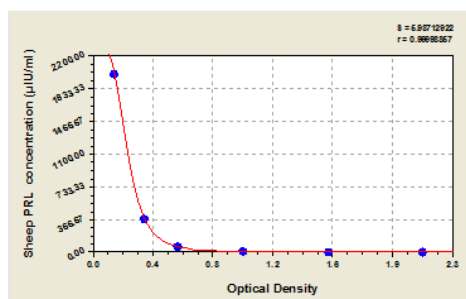
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep PRL. No significant cross-reactivity or interference between sheep PRL and analogues was observed.
Sequence Length	240
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	5 uIU/ml-2000 uIU/ml
Sensitivity	< 5 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 #	57164329
NCBI GeneID	443317
NCBI Accession #	NP_001009306.1
NCBI GenBank Nucleotide #	NM_001009306.1
UniProt Accession #	P01240; Q28587
Molecular Weight	25,778 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_SHEEP

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-sheep-elisa-kits/prolactin/80086>