

Dog Luteinizing Hormone, LH ELISA Kit | LH elisa kit

Canine Luteinizing Hormone, LH ELISA Kit

CATALOG #
AAA79838

REACTIVITY
Dog

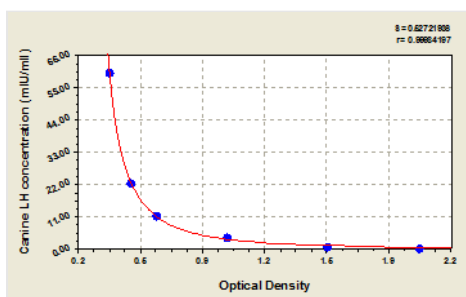
PRODUCT SYNONYMS

Luteinizing Hormone; LH; Canine Luteinizing Hormone; LH ELISA Kit; LH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine LH. No significant cross-reactivity or interference between canine LH and analogues was observed.
Sequence Length	699
Assay Type	Competitive
Samples	Serum, plasma
Detection Range	0.75 mIU/ml-60 mIU/ml
Sensitivity	< 0.94 mIU/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 LH elisa kit

Principle of the Assay: This assay employs the competitive inhibition 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 LH and Horseradish Peroxidase (HRP) conjugated LH. The competitive inhibition reaction is launched between with HRP labeled LH and unlabeled LH with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of LH in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7704943
NCBI GeneID	3973
UniProt Accession #	P22888; Q14751; Q15996; Q9UEW9
Molecular Weight	71,615 Da
NCBI Official Full Name	luteinizing hormone receptor
NCBI Official Synonym Full Names	luteinizing hormone/choriogonadotropin receptor
NCBI Official Symbol	LHCGR
NCBI Official Synonym Symbols	HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R
NCBI Protein Information	lutropin-choriogonadotropic hormone receptor; hypergonadotropic hypogonadism; lutropin/choriogonadotropin receptor
UniProt Protein Name	Lutropin-choriogonadotropic hormone receptor
UniProt Gene Name	LHCGR
UniProt Synonym Gene Names	LCGR; LGR2; LHRHR; LH/CG-R; LHR; LSH-R
UniProt Entry Name	LSHR_HUMAN

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/dog-elisa-kits/luteinizing-hormone-lh/79838>