

Canine Ghrelin ELISA Kit | Ghrelin elisa kit

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CATALOG #
AAA16727

REACTIVITY
Canine

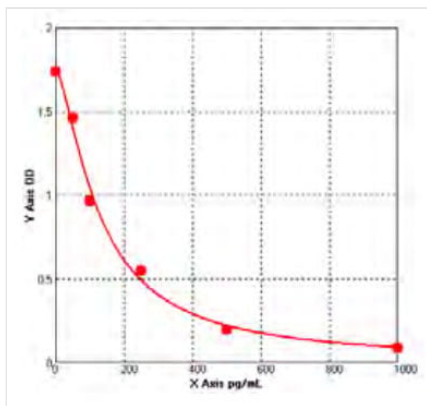
PRODUCT SYNONYMS

Ghrelin; Canine Ghrelin ELISA Kit; Ghrelin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of GHRL. No significant cross-reactivity or interference between GHRL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GHRL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ghrelin elisa kit	Principle of the Assay: GHRL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GHRL antibody and an GHRL-HRP conjugate. The assay sample and buffer are incubated together with GHRL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GHRL concentration since GHRL from samples and GHRL-HRP conjugate compete for the anti-GHRL antibody binding site. Since the number of sites is limited, as more sites are occupied by GHRL from the sample, fewer sites are left to bind GHRL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GHRL concentration in each sample is interpolated from this standard curve. Intended Uses: This GHRL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GHRL. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	304435649
Molecular Weight	12,992 Da
NCBI Official Full Name	ghrelin
UniProt Protein Name	Ghrelin
UniProt Entry Name	E7CCH4_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/canine-elisa-kits/ghrelin/16727>