

Cattle GHRL (Ghrelin) ELISA Kit | GHRL elisa kit

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CATALOG #
AAA275198

REACTIVITY
Cattle

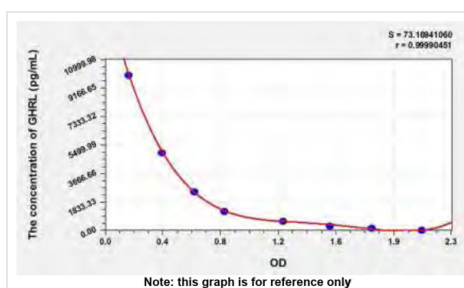
PRODUCT SYNONYMS

GHRL (Ghrelin); Cattle GHRL (Ghrelin) ELISA Kit; MTLRP; Growth Hormone-Releasing Peptide; GHRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Specificity	This assay has high sensitivity and excellent specificity for detection of Cattle GHRL. No significant cross-reactivity or interference between Cattle GHRL and analogues was observed.
Assay Type	Competitive
Detection Range	156.25-10000 pg/mL
Sensitivity	49.2 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHRL 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 Ghrelin(GHRL) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Ghrelin(GHRL). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Ghrelin(GHRL) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for GHRL elisa kit

[Signal transduction](#); [Metabolic pathway](#); [Endocrinology](#); [Gastroenterology](#); [Hormone metabolism](#)

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/ghrl-ghrelin/275198>