

Rat Ghrelin ELISA Kit | Ghrelin elisa kit

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CATALOG #
AAA16553

REACTIVITY
Rat

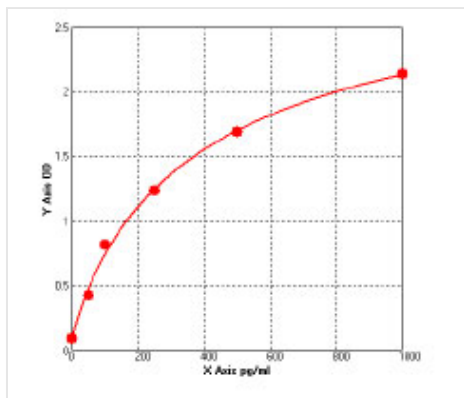
PRODUCT SYNONYMS

Ghrelin; Rat Ghrelin ELISA Kit; Ghrelin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 or Sandwich
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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GHRL. Standards or samples are then added to the microtiter plate wells and GHRL if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GHRL present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GHRL are added to each well to "sandwich" the GHRL immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GHRL and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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 Rat 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/rat-elisa-kits/ghrelin/16553>