

Chicken Ghrelin ELISA Kit

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CATALOG #
AAA15666

REACTIVITY
Chicken

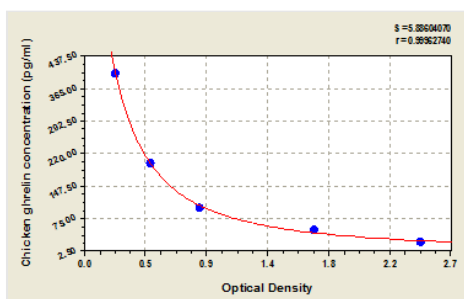
PRODUCT SYNONYMS

Ghrelin; Chicken Ghrelin ELISA Kit; Ghrelin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of chicken ghrelin. No significant cross-reactivity or interference between chicken ghrelin and analogues was observed.
Sequence Length	117
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	25 pg/ml-400 pg/ml
Sensitivity	< 25 pg/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 Ghrelin 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 an antibody specific to ghrelin. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated ghrelin. A competitive inhibition reaction is launched between ghrelin (Standards or samples) and Biotin-conjugated ghrelin with the pre-coated antibody specific for ghrelin. The more amount of ghrelin in samples, the less antibody bound by Biotin-conjugated ghrelin. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of ghrelin in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	304435649
UniProt Accession #	E7CCH4
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/chicken-elisa-kits/ghrelin/15666>