

Rat Acylated Ghrelin (AG) ELISA Kit | AG elisa kit

Rat Acylated Ghrelin, AG ELISA Kit

CATALOG #
AAA15429

REACTIVITY
Rat

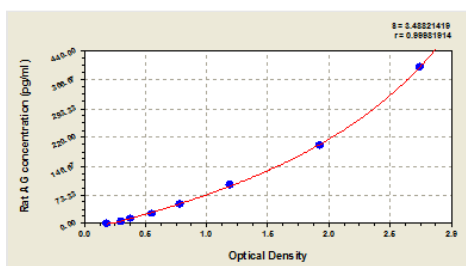
PRODUCT SYNONYMS

Acylated Ghrelin (AG); Rat Acylated Ghrelin; AG ELISA Kit; Rat Acylated Ghrelin (AG) ELISA Kit; AG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat AG. No significant cross-reactivity or interference between rat AG and analogues was observed.
Sequence Length	117
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 AG elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AG is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AG bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/rat-elisa-kits/acylated-ghrelin-ag/15429>