

Rat Homocysteine (Hcy) ELISA Kit | Hcy elisa kit

Rat Homocysteine, Hcy ELISA Kit

CATALOG #
AAA15404

REACTIVITY
Rat

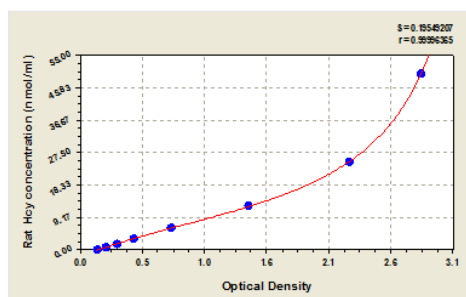
PRODUCT SYNONYMS

Homocysteine (Hcy); Rat Homocysteine; Hcy ELISA Kit; Rat Homocysteine (Hcy) ELISA Kit; Hcy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Hcy. No significant cross-reactivity or interference between rat Hcy and analogues was observed.
Sequence Length	163
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.78 nmol/ml-50 nmol/ml
Sensitivity	< 0.195 nmol/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 Hcy elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Hcy has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Hcy present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Hcy 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 Hcy bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729692
UniProt Accession #	P39442; Q9UWL3
Molecular Weight	17,222 Da
NCBI Official Full Name	Halocyanin
UniProt Protein Name	Halocyanin
UniProt Gene Name	hcy
UniProt Entry Name	HCY_NATPH

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/homocysteine-hcy/15404>