

Human HCy (Homocysteine) ELISA Kit | HCy elisa kit

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CATALOG #
AAA276521

REACTIVITY
Human

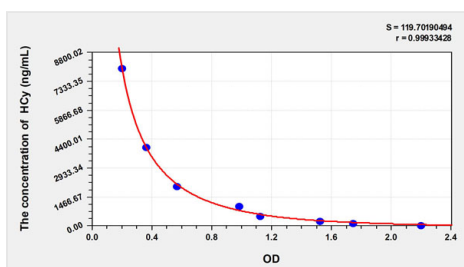
PRODUCT SYNONYMS

HCy (Homocysteine); Human HCy (Homocysteine) ELISA Kit; Homocysteine; HCy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HCy. No significant cross-reactivity or interference between Human HCy and analogues was observed.
Assay Type	Competitive
Detection Range	125-8000 ng/mL
Sensitivity	39.55 ng/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 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 HCy 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 Homocysteine(HCy) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Homocysteine(HCy). 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 Homocysteine(HCy) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for HCy elisa kit

[atherosclerosis](#)

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/human-elisa-kits/hcy-homocysteine/276521>