

Mouse Homocysteine (Hcy) ELISA Kit | Hcy elisa kit

Mouse Homocysteine (Hcy) ELISA KIT

CATALOG #
AAA12407

REACTIVITY
Mouse

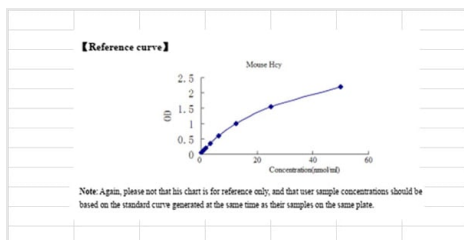
PRODUCT SYNONYMS

Homocysteine (Hcy); Mouse Homocysteine (Hcy) ELISA KIT; Hcy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	163
Assay Type	Sandwich
Detection Range	50 nmol/mL-0.78 nmol/mL
Sensitivity	Up to 0.1 nmol/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hcy elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse Hcy monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

References

[Impact of a folic acid-enriched diet on urinary tract function in mice treated with testosterone and estradiol.](#) Kimberly P. Keil, Lisa L. Abler, Helene M. Altmann, Zunyi Wang, Peiqing Wang, William A. Ricke, Dale E. Bjorling, Chad M. Vezina (2015)

NCBI AND UNIPROT INFORMATION

NCBI GI #	729692
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/homocysteine-hcy/12407>