

Human 4-Hydroxynonenal (HNE) ELISA Kit | HNE elisa kit

Human 4-Hydroxynonenal, HNE ELISA Kit

CATALOG #
AAA15827

REACTIVITY
Human

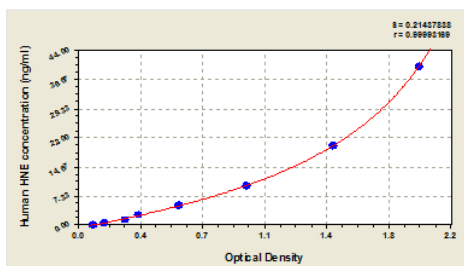
PRODUCT SYNONYMS

4-Hydroxynonenal (HNE); Human 4-Hydroxynonenal; HNE ELISA Kit; Human 4-Hydroxynonenal (HNE) ELISA Kit; HNE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HNE. No significant cross-reactivity or interference between human HNE and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	39 pg/ml-2500 pg/ml
Sensitivity	< 19.5 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 HNE 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 HNE. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated HNE. The competitive inhibition reaction is launched between with HRP-conjugated HNE and HNE in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of HNE in the sample. The color development is stopped and the intensity of the color is measured.

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/4-hydroxynonenal-hne/15827>