

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

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CATALOG #
AAA277978

REACTIVITY
Rat

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.57-100ng/mL
Sensitivity	0.67ng/mL
Standard	100ng/mL
Research Area	Signal transduction, Metabolic pathway, Infection immunity, Hormone metabolism, Dermatology
Test Principle	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat HNE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HNE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat HNE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Rat HNE in the samples is then determined by comparing the OD of the samples to the standard curve.

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://www.aaabiotech.com/rat-elisa-kits/hne-4-hydroxynonenal/277978>