

# Datasheet for ABIN5520635

# **HNE ELISA Kit**





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### Overview

Quantity:	96 tests
Target:	HNE
Reactivity:	Human
Method Type:	Competition ELISA
Detection Range:	31.25 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.25 pg/mL
Application:	ELISA

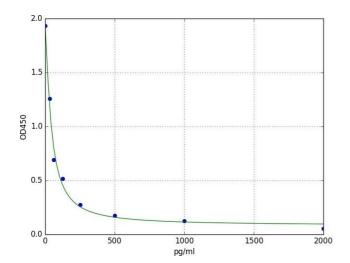
### **Product Details**

Purpose:	For quantitative detection of 4-HNE in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of 4-HNE. No significant cross-reactivity or interference between 4-HNE and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between 4-HNE and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	18.75 pg/mL
Components:	<ul><li>- ELISA Microplate</li><li>- Lyophilized Standard</li><li>- Sample / Standard Dilution Buffer</li></ul>

- Biotin-labeled Antibody (Concentrated) - Antibody Dilution Buffer - HRP-Streptavidin Conjugate(SABC) - SABC Dilution Buffer - TMB Substrate - Stop Solution - Wash Buffer (25X) - Plate Sealer - Product Description **Target Details HNE** Target: Alternative Name: 4-HNE (HNE Products) Chemical Target Type: Background: 4-HNE(4-Hydroxynonenal)/HNE/4 HNE **Application Details** Optimal working dilution should be determined by the investigator. Application Notes: Comment: Competitive ELISA, Coated with Antigen Sample Volume: 50 μL Plate: Pre-coated For Research Use only Restrictions: Handling 4°C Storage: Storage Comment: 1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C. 2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing

Expiry Date: 6 months

the desiccant pack, and zip-seal the foil pouch.



#### **ELISA**

Image 1. A typical standard curve