

## Human lipid peroxide, LPO ELISA Kit | LPO elisa kit

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CATALOG #  
**AAA41377**

REACTIVITY  
**Human**

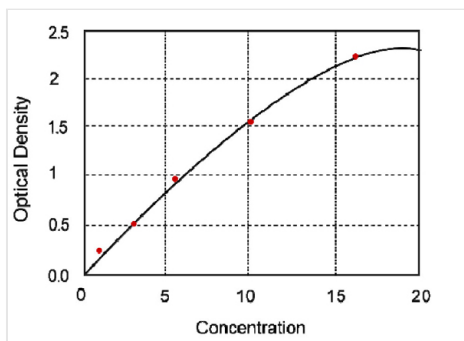
### PRODUCT SYNONYMS

lipid peroxide; LPO; Human lipid peroxide; LPO ELISA Kit; LPO elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 10-2000ng/mL                                                                                                                                                                                     |
| Sensitivity             | 5.12ng/mL                                                                                                                                                                                        |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for LPO elisa kit

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LPO antibody. LPO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LPO Antibody is added and binds to LPO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LPO antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human LPO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Human lipid peroxide (also known as LPO) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

**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/lipid-peroxide-lpo/41377>