

## Human Opioid Peptide (OP) ELISA Kit | OP elisa kit

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CATALOG #  
**AAA42048**

REACTIVITY  
**Human**

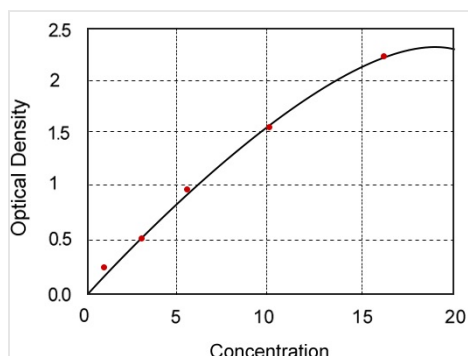
### PRODUCT SYNONYMS

Opioid Peptide (OP); Human Opioid Peptide (OP) ELISA Kit; OP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 9                                                                        |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 10ng/L - 4000ng/L                                                        |
| Sensitivity             | 5.14ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| 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 OP elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Opioid Peptide (also known as OP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human OP antibody. OP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human OP Antibody is added and binds to OP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OP 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 OP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                         |                |
|-------------------------|----------------|
| NCBI GI #               | 97180267       |
| UniProt Accession #     | P84814         |
| Molecular Weight        | 1,136 Da       |
| NCBI Official Full Name | Opioid peptide |
| UniProt Protein Name    | Opioid peptide |

**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/opioid-peptide-op/42048>