

## Human Meprin A Subunit alpha (MEP1A) ELISA Kit | MEP1A elisa kit

Human Meprin A Subunit alpha (MEP1A) ELISA Kit

CATALOG #  
**AAA331802**

REACTIVITY  
**Human**

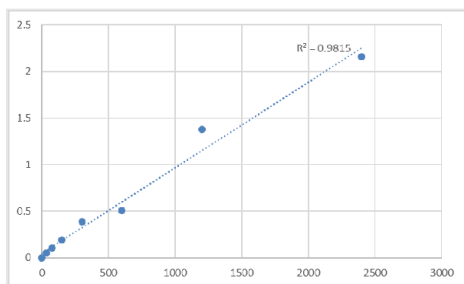
### PRODUCT SYNONYMS

Meprin A Subunit alpha (MEP1A); Human Meprin A Subunit alpha (MEP1A) ELISA Kit; MEP1A; PPHA; bA268F1.1 (meprin A alpha (PABA peptide hydrolase)); meprin A alpha; MEP1A elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human Meprin A subunit alpha (MEP1A) ELISA Kit has high sensitivity and excellent specificity for detection of Human MEP1A. No significant cross-reactivity or interference between Human MEP1A and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence Length         | 746                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Human Meprin A subunit alpha (MEP1A) Standard Curve.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MEP1A elisa kit | <p>Description: This Human Meprin A subunit alpha (MEP1A) ELISA Kit employs a two-site sandwich ELISA to quantitate MEP1A in samples. An antibody specific for MEP1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MEP1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MEP1A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MEP1A bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: MEP1A (Meprin A Subunit Alpha) is a Protein Coding gene. Among its related pathways are Protein digestion and absorption. GO annotations related to this gene include metalloendopeptidase activity and metallopeptidase activity. An important paralog of this gene is MEP1B.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 153070262              |
| NCBI GeneID                      | 4224                   |
| NCBI Accession #                 | NP_005579.2            |
| NCBI GenBank Nucleotide #        | NP_005579.2            |
| UniProt Accession #              | Q16819                 |
| NCBI Official Full Name          | meprin A subunit alpha |
| NCBI Official Synonym Full Names | meprin A subunit alpha |
| NCBI Official Symbol             | MEP1A                  |
| NCBI Official Synonym Symbols    | PPHA                   |
| NCBI Protein Information         | meprin A subunit alpha |
| UniProt Protein Name             | Meprin A subunit alpha |
| UniProt Gene Name                | MEP1A                  |

**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.