Datasheet for ABIN4884857

# TPP1 ELISA Kit

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## Overview

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| Quantity: | 96 tests |
| Target: | TPP1 |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Application: | ELISA |

## Product Details

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| Purpose: | Custom Human Tripeptidyl-peptidase I (TPP1) ELISA Kit. |
| Sample Type: | Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Specificity: | This ELISA antibody pair recognizes human Tripeptidyl-peptidase I. Other species not yet determined. |
| Characteristics: | • Strip plates and additional reagents allow for use in multiple experiments<br>• Quantitative protein detection<br>• Establishes normal range<br>• The best products for confirmation of antibody array data |
| Components: | • Pre-Coated 96-well Strip Microplate<br>• Wash Buffer<br>• Stop Solution<br>• Assay Diluent(s)<br>• Lyophilized Standard |

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## Product Details

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| | • Biotinylated Detection Antibody<br>• Streptavidin-Conjugated HRP<br>• TMB One-Step Substrate |
| Material not included: | • Distilled or deionized water<br>• Precision pipettes to deliver 2 µL to 1 µL volumes<br>• Adjustable 1-25 µL pipettes for reagent preparation<br>• 100 µL and 1 liter graduated cylinders<br>• Tubes to prepare standard and sample dilutions<br>• Absorbent paper<br>• Microplate reader capable of measuring absorbance at 450nm<br>• Log-log graph paper or computer and software for ELISA data analysis |

## Target Details

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| Target: | TPP1 |
| Alternative Name: | Tripeptidyl-Peptidase I (TPP1 Products) |
| Gene ID: | 1200 |
| UniProt: | O14773 |
| Pathways: | Cell Division Cycle, ER-Nucleus Signaling |

## Application Details

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| Sample Volume: | 100 µL |
| Plate: | Pre-coated |
| Protocol: | 1. Prepare all reagents, samples and standards as instructed in the manual.<br>2. Add 100 µL of standard or sample to each well.<br>3. Incubate 2.5 h at RT or O/N at 4 °C.<br>4. Add 100 µL of prepared biotin antibody to each well.<br>5. Incubate 1 h at RT.<br>6. Add 100 µL of prepared Streptavidin solution to each well.<br>7. Incubate 45 min at RT.<br>8. Add 100 µL of TMB One-Step Substrate Reagent to each well.<br>9. Incubate 30 min at RT.<br>10. Add 50 µL of Stop Solution to each well.<br>11. Read at 450 nm immediately. |
| Restrictions: | For Research Use only |

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## Handling

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| Storage: | -20 °C |
| Storage Comment: | The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C. |
| Expiry Date: | 6 months |

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