

## Datasheet for ABIN6951398

### CTLA4 ELISA Kit

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#### Overview

|              |                |
|--------------|----------------|
| Quantity:    | 96 tests       |
| Target:      | CTLA4          |
| Reactivity:  | Rat            |
| Method Type: | Sandwich ELISA |
| Application: | ELISA          |

#### Product Details

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| Purpose:           | Rat CTLA-4 ELISA Kit.                                                                                                                                                                                                                                                                                          |
| Sample Type:       | Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate                                                                                                                                                                                                                                           |
| Analytical Method: | Quantitative                                                                                                                                                                                                                                                                                                   |
| Detection Method:  | Colorimetric                                                                                                                                                                                                                                                                                                   |
| Characteristics:   | <ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul>                                   |
| Components:        | <ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Stop Solution</li><li>• Assay Diluent(s)</li><li>• Lyophilized Standard</li><li>• Biotinylated Detection Antibody</li><li>• Streptavidin-Conjugated HRP</li><li>• TMB One-Step Substrate</li></ul> |

## Product Details

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| Material not included: | <ul style="list-style-type: none"><li>• Distilled or deionized water</li><li>• Precision pipettes to deliver 2 µl to 1 µl volumes</li><li>• Adjustable 1-25 µl pipettes for reagent preparation</li><li>• 100 µl and 1 liter graduated cylinders</li><li>• Tubes to prepare standard and sample dilutions</li><li>• Absorbent paper</li><li>• Microplate reader capable of measuring absorbance at 450nm</li><li>• Log-log graph paper or computer and software for ELISA data analysis</li></ul> |
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## Target Details

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|                   |                                           |
|-------------------|-------------------------------------------|
| Target:           | CTLA4                                     |
| Alternative Name: | CTLA-4 ( <a href="#">CTLA4 Products</a> ) |
| Gene ID:          | 63835                                     |
| UniProt:          | <a href="#">Q62859</a>                    |
| Pathways:         | <a href="#">Cancer Immune Checkpoints</a> |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Plate:             | Pre-coated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protocol:          | <ol style="list-style-type: none"><li>1. Prepare all reagents, samples and standards as instructed in the manual.</li><li>2. Add 100 µl of standard or sample to each well.</li><li>3. Incubate 2.5 h at RT or O/N at 4°C.</li><li>4. Add 100 µl of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li><li>6. Add 100 µl of prepared Streptavidin solution to each well.</li><li>7. Incubate 45 min at RT.</li><li>8. Add 100 µl of TMB One-Step Substrate Reagent to each well.</li><li>9. Incubate 30 min at RT.</li><li>10. Add 50 µl of Stop Solution to each well.</li><li>11. Read at 450 nm immediately.</li></ol> |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Handling

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| Expiry Date: | 6 months |
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