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## Datasheet for ABIN6730111 **TNFRSF11A ELISA Kit**

### Overview

|              |                |
|--------------|----------------|
| Quantity:    | 96 tests       |
| Target:      | TNFRSF11A      |
| Reactivity:  | Mouse          |
| Method Type: | Sandwich ELISA |
| Application: | ELISA          |

### Product Details

|                    |  |
|--------------------|--|
| Purpose:           | Mouse RANK/TNFRSF11A ELISA Kit.  |
| Sample Type:       | Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate   |
| Analytical Method: | Quantitative   |
| Detection Method:  | Colorimetric   |
| Specificity:       | This ELISA antibody pair recognizes Mouse RANK.  |
| 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></ul>                                      |

## Product Details

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- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µl to 1 µl volumes
- Adjustable 1-25 µl pipettes for reagent preparation
- 100 µl and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

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|                   |   |
|-------------------|---|
| Target:           | TNFRSF11A   |
| Alternative Name: | RANK (TNFRSF11A ( <a href="#">TNFRSF11A Products</a> )) |
| UniProt:          | <a href="#">O35305</a>                                  |
| Pathways:         | <a href="#">NF-kappaB Signaling</a>                     |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator.   |
| 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> |

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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## Handling

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|------------------|---|
| 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 |
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## Handling

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recommended to store at -80°C.

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Expiry Date: 6 months