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Datasheet for ABIN6730311 IL11RA ELISA Kit



Overview

| Quantity: | 96 tests |
|--------------|----------------|
| Target: | IL11RA |
| Reactivity: | Mouse |
| Method Type: | Sandwich ELISA |
| Application: | ELISA |

Product Details

| Purpose: | Mouse IL-11 R alpha 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 IL-11 R alpha. |
| Characteristics: | Strip plates and additional reagents allow for use in multiple experiments Quantitative protein detection Establishes normal range The best products for confirmation of antibody array data |
| Components: | Pre-Coated 96-well Strip Microplate Wash Buffer Stop Solution Assay Diluent(s) Lyophilized Standard Biotinylated Detection Antibody |

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| | Streptavidin-Conjugated HRPTMB 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

| Target: | IL11RA |
|-------------------|---|
| Alternative Name: | IL-11 R alpha (IL11RA Products) |
| UniProt: | Q64385 |
| Pathways: | JAK-STAT Signaling, Growth Factor Binding |

Application Details

| Application Notes: | Optimal working dilution should be determined by the investigator. |
|--------------------|---|
| Protocol: | 1. Prepare all reagents, samples and standards as instructed in the manual. |
| | 2. Add 100 μ l of standard or sample to each well. |
| | 3. Incubate 2.5 h at RT or O/N at 4°C. |
| | 4. Add 100 μ l of prepared biotin antibody to each well. |
| | 5. Incubate 1 h at RT. |
| | 6. Add 100 μ l of prepared Streptavidin solution to each well. |
| | 7. Incubate 45 min at RT. |
| | 8. Add 100 μ l of TMB One-Step Substrate Reagent to each well. |
| | 9. Incubate 30 min at RT. |
| | 10. Add 50 μl of Stop Solution to each well. |
| | 11. Read at 450 nm immediately. |
| Restrictions: | For Research Use only |
| Handling | |
| 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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Expiry Date:

6 months

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