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Datasheet for ABIN6730443

KLRK1 ELISA Kit

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Overview

| Quantity: | 96 tests |
|--------------|----------------|
| Target: | KLRK1 |
| Reactivity: | Mouse |
| Method Type: | Sandwich ELISA |
| Application: | ELISA |

| Product Details | |
|--------------------|---|
| Purpose: | Mouse NKG2D 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 NKG2D. |
| 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 |

Product Details

- · 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

| Target: | KLRK1 |
|-------------------|--|
| Alternative Name: | NKG2D (KLRK1 Products) |
| UniProt: | 054709 |
| Pathways: | Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process |

Application Details

| Application Notes: | Optimal working dilution should be determined by the investigator. |
|--------------------|---|
| Protocol: | Prepare all reagents, samples and standards as instructed in the manual. |
| | 2. Add 100 µl of standard or sample to each well. |
| | 3. Incubate 2.5 h at RT or O/N at 4°C. |
| | 4. Add 100 μl of prepared biotin antibody to each well. |
| | 5. Incubate 1 h at RT. |
| | 6. Add 100 µl of prepared Streptavidin solution to each well. |
| | 7. Incubate 45 min at RT. |
| | 8. Add 100 µl 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 repeate |

Handling

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