



**User's Manual**

# Mouse IL-1 alpha/IL1A Antibody Pair Set



**ABPR-ZB383**



**5 Plates, 15 Plates**



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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## PRODUCT INFORMATION

### Intended Use

Quantitative determination of Mouse IL-1 alpha/IL1A

### General Description

ABPR-ZB383 is a solid phase sandwich ELISA for quantitative determination of Mouse IL-1 alpha/IL1A.

### Reagents And Materials Provided

1. Capture Antibody: 0.5 mg/mL of mouse anti-Mouse IL-1 alpha/IL-1F1/IL1A monoclonal antibody [CABT-ZB803] (in PBS, pH 7.4).
2. Detection Antibody: 0.2 mg/mL of rabbit anti-Mouse IL-1 alpha/IL-1F1/IL1A polyclonal antibody conjugated to HRP (in PBS, 50 % HRP-Protector, pH 7.4, store at 4°C).
3. Standard: Each vial contains 30 ng of recombinant Mouse IL-1 alpha/IL-1F1/IL1A.

### Reconstitution And Storage

#### Reconstitution

1. Capture Antibody: Dilute to a working concentration of 2 µg/mL in PBS before coating.
2. Detection Antibody: Dilute to working concentration of 0.5 µg/mL in detection antibody dilution buffer before use.
3. Standard: Reconstitute with 1 mL detection antibody dilution buffer.

#### Storage

1. Capture Antibody: Aliquot and store at -20°C to -80°C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles.
2. Detection Antibody: Store at 4°C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE!
3. Standard: Store lyophilized standard at -20°C to -80°C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80°C for up to 1 month. Avoid repeated freeze-thaw cycles.

### Detection Range

Assay range: 6.25-400 pg/mL