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Datasheet for ABIN2748281

## CXCL10 ELISA Kit

### 1 Image

#### Overview

Quantity:	96 tests
Target:	CXCL10
Reactivity:	Human, Rhesus Monkey
Method Type:	Sandwich ELISA
Detection Range:	20-5000 pg/mL
Minimum Detection Limit:	20 pg/mL
Application:	ELISA

#### Product Details

Purpose:	Rhesus Monkey IP-10 (CXCL10) ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects Rhesus Monkey and human IP-10. Other species not determined.
Sensitivity:	20 pg/mL
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>

## Product Details

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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>
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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:	CXCL10
Alternative Name:	IP-10 ( <a href="#">CXCL10 Products</a> )
Background:	C-X-C motif chemokine 10 (10 kDa interferon gamma-induced protein) (Gamma-IP10) (IP-10) (Small-inducible cytokine B10)
Gene ID:	574243
UniProt:	<a href="#">Q8MIZ1</a>

## Application Details

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Application Notes:	Recommended Dilution for serum and plasma samples 2 fold
Sample Volume:	100 µL
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></ol>

## Application Details

7. Incubate 45 min at RT.
8. Add 100  $\mu$ L of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50  $\mu$ L of Stop Solution to each well.
11. Read at 450 nm immediately.

**Assay Procedure:** Prepare all reagents, samples and standards as instructed in the manual. Add 100  $\mu$ L of standard or sample to each well. Incubate 2.5 h at RT or O/N at 4  $^{\circ}$ C. Add 100  $\mu$ L of prepared biotin antibody to each well. Incubate 1 h at RT. Add 100  $\mu$ L of prepared Streptavidin solution to each well. Incubate 45 min at RT. Add 100  $\mu$ L of TMB One-Step Substrate Reagent to each well. Incubate 30 min at RT. Add 50  $\mu$ L of Stop Solution to each well. Read at 450 nm immediately.

**Restrictions:** For Research Use only

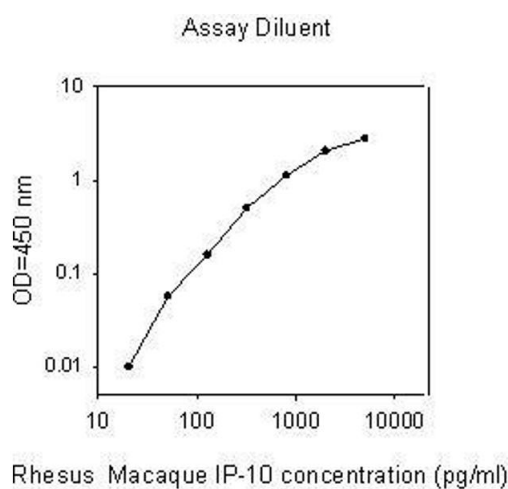
## Handling

**Storage:** -20  $^{\circ}$ C

**Storage Comment:** The entire kit may be stored at -20 $^{\circ}$ C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4 $^{\circ}$ C for up to 6 months. For extended storage, it is recommended to store at -80 $^{\circ}$ C.

**Expiry Date:** 6 months

## Images



**ELISA**

**Image 1.**