

Datasheet for ABIN2703199

IL1F9 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	IL1F9
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	13-3000 pg/mL
Minimum Detection Limit:	13 pg/mL
Application:	ELISA

Product Details

Purpose:	Human IL-36 gamma (IL-1 F9) 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 kit shows no cross-reactivity with the following cytokines tested: human IL-1F1 (IL-1 alpha), IL-1F2 (IL-1 beta), IL-1F3 (IL-1ra), IL-1F4 (IL-18), IL-1F5 (IL-36ra), IL-1F6 (IL-36 alpha), IL-1F7 (IL-37), IL-1F8 (IL-36 beta), IL-1F10 (IL-38), IL-1F11 (IL-33)
Sensitivity:	13 pg/mL
Characteristics:	<ul style="list-style-type: none">• Strip plates and additional reagents allow for use in multiple experiments• Quantitative protein detection• Establishes normal range

Product Details

- The best products for confirmation of antibody array data

Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard• Biotinylated Detection Antibody• Streptavidin-Conjugated HRP• TMB One-Step Substrate
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Material not included:	<ul style="list-style-type: none">• 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
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Target Details

Target:	IL1F9
Alternative Name:	IL-1F9 (IL1F9 Products)
Background:	Gene Names: IL36G IL1E IL1F9 IL1H1 IL1RP2 UNQ2456/PRO5737 Protein names: Interleukin-36 gamma (IL-1-related protein 2) (IL-1RP2) (Interleukin-1 epsilon) (IL-1 epsilon) (Interleukin-1 family member 9) (IL-1F9) (Interleukin-1 homolog 1) (IL-1H1)
Gene ID:	56300
UniProt:	Q9NZH8

Application Details

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">1. Prepare all reagents, samples and standards as instructed in the manual.2. Add 100 µL of standard or sample to each well.

Application Details

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

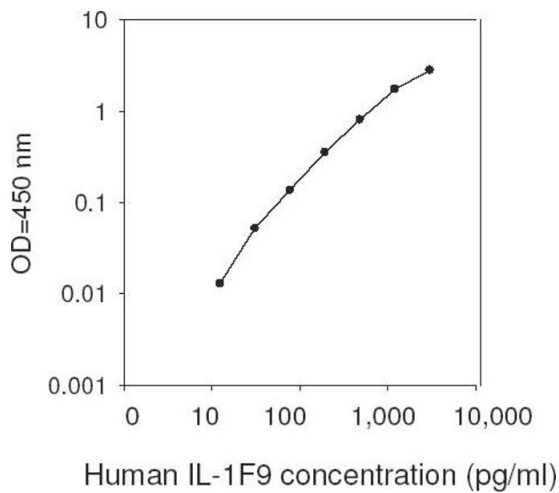
Handling

Storage: -20 °C

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 recommended to store at -80°C.

Expiry Date: 6 months

Images



ELISA

Image 1.