

Datasheet for ABIN2703145 IL36A/IL1F6 ELISA Kit



[Go to Product page](#)

1 Image

Overview

Quantity:	96 tests
Target:	IL36A/IL1F6 (IL1F6)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.8-200 ng/mL
Minimum Detection Limit:	0.8 ng/mL
Application:	ELISA

Product Details

Purpose:	Human IL-36 alpha (IL-1 F6) ELISA Kit for cell culture supernatants, EDTA and/or Citrate treated plasma, and serum samples. Heparin is not recommended.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: human IL-1F1, IL-1F2, IL-1F3, IL-1F4, IL-1F5, IL-1F7, IL-1F8, IL-1F9, IL-1F10, IL-1F11.
Sensitivity:	0.8 ng/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• The best products for confirmation of antibody array data

Product Details

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
-------------	--

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
------------------------	---

Target Details

Target:	IL36A/IL1F6 (IL1F6)
Alternative Name:	IL-36 alpha (IL1F6 Products)
Background:	Gene Names: IL36A FIL1E IL1E IL1F6 Protein names: Interleukin-36 alpha (FIL1 epsilon) (Interleukin-1 epsilon) (IL-1 epsilon) (Interleukin-1 family member 6) (IL-1F6)
Gene ID:	27179
UniProt:	Q9UHA7
Pathways:	Cancer Immune Checkpoints

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.3. Incubate 2.5 h at RT or O/N at 4 °C.

Application Details

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 μ L of Stop Solution to each well.
11. Read at 450 nm immediately.

Sample Preparation: Collect plasma using EDTA and/or Citrate as the anticoagulant. Heparin is not recommended.

Restrictions: For Research Use only

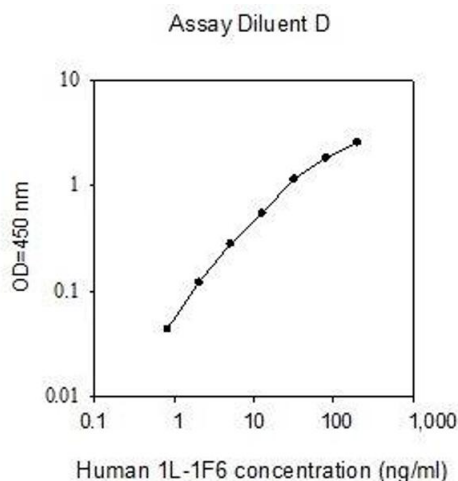
Handling

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.