

Datasheet for ABIN2703233 IL-34 ELISA Kit



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1 Image

Overview

Quantity:	96 tests
Target:	IL-34 (IL34)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	7-250 pg/mL
Minimum Detection Limit:	7 pg/mL
Application:	ELISA

Product Details

Purpose:	Human IL-34 ELISA Kit for cell culture supernatants, plasma, and serum samples.
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 ANGPTL3, beta IG-H3, CA9, Cathepsin B, CD23, CHI3L1, CTLA4, Dkk-4, DPPIV, EDA-A2, Epo R, FGF-6, FGF-9, Gas1, IGFBP-5, IL-1F5, IL-1F6, IL-1F7, IL-1F8, IL-1F9, IL-1F10, IL-1R5, IL-17C, IL-18, IL-20, IL-5 R alpha, IL-10 R alpha, Layilin, Leptin R, Marapsin, Mer, MMP-7, P-Cadherin, Prostatin, PSMA, SIGIRR, TGF-beta RIII, Tissue Factor, TWEAK.
Sensitivity:	7 pg/mL
Characteristics:	<ul style="list-style-type: none">Strip plates and additional reagents allow for use in multiple experiments

Product Details

- Quantitative protein detection
- Establishes normal range
- 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:	IL-34 (IL34)
Alternative Name:	IL-34 (IL34 Products)
Background:	Gene Names: IL34 C16orf77 Protein names: Interleukin-34 (IL-34)
Gene ID:	146433
UniProt:	Q6ZMJ4
Pathways:	RTK Signaling

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples 2 fold
Sample Volume:	100 µL
Plate:	Pre-coated

Application Details

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 $^{\circ}$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.
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Restrictions: For Research Use only

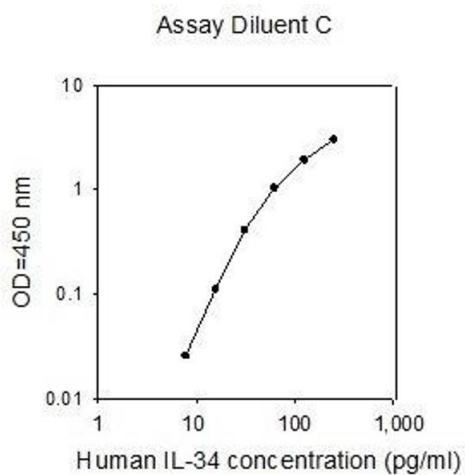
Handling

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.