abcam

Product datasheet

Human IL-17 ELISA Set (without plates) ab83707

2 References   1 Image

Overview

Product name	Human IL-17 ELISA Set (without plates)
Sample type	Cell culture supernatant, Serum, Plasma
Assay type	Sandwich (quantitative)
Sensitivity	< 3 pg/ml
Range	3.125 pg/ml - 100 pg/ml
Assay time	3h 45m
Assay duration	Multiple steps standard assay
Species reactivity	**Reacts with:** Human

Product overview

Abcam's IL-17 Human *in vitro* ELISA Set is designed for the quantitative measurement of IL-17 in cell culture supernatants, buffered solutions, serum, plasma and other body fluids.

The IL-17A ELISA Set includes both the capture and the detection antibodies as well as Horse-Radish peroxidase conjugated Streptavidin (HRP-Strep) and TMB which are the reagents used in the colour development step.

This ELISA Set is intended to measure human IL-17A in cell -culture supernatants, as well as in serum and plasma samples. The enclosed procedures provide general guidelines for ELISA preparation. This procedure may need some optimization depending on the plastic, matrix, standard range.

SPECIFICITY: Recognizes both natural and recombinant human IL-17A

RANGE: 3.12pg/ml - 100pg/ml

SENSITIVITY: <2.3pg/ml

Tested applications	**Suitable for:** Sandwich ELISA
Platform	Reagents

Properties

Storage instructions	Store at +4°C. Please refer to protocols.

Components	5 x 96 tests	10 x 96 tests
Detection biotinylated anti-IL-17 antibody	1 x 0.55ml	2 x 0.55ml
IL-17 Capture Antibody	1 x 0.5ml	2 x 0.5ml
IL-17 standard	5 vials	10 vials
Ready-to-use TMB	2 vials	4 vials
Streptavidin-HRP	1 vial	2 vials

Function	Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.
Tissue specificity	Restricted to activated memory T-cells.
Sequence similarities	Belongs to the IL-17 family.
Post-translational modifications	Found both in glycosylated and nonglycosylated forms.
Cellular localization	Secreted.

Applications
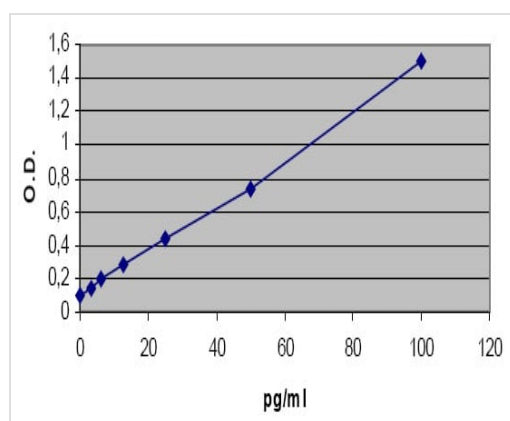
The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab83707 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration.

Images

IL-17 ELISA Set (ab83707)

IL-17A Standard curve ranging from 3.125 to 100 pg/mL

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