



Datasheet for ABIN4885567
IL17F ELISA Kit



[Go to Product page](#)

2 Publications

Overview

Quantity: 96 tests

Target: IL17F

Reactivity: Mouse

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Custom Mouse Interleukin 17F ELISA Kit.

Sample Type: Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: The antibody pair provided in this kit recognizes Mouse Interleukin 17F.

- Characteristics:
- 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

- Components:
- Pre-Coated 96-well Strip Microplate
 - Wash Buffer
 - Stop Solution
 - Assay Diluent(s)
 - Lyophilized Standard
 - Biotinylated Detection Antibody

Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- 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: IL17F

Alternative Name: IL-17F ([IL17F Products](#))

Gene ID: 257630

UniProt: [Q7TNI7](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity](#)

Application Details

Sample Volume: 100 µL

Plate: Pre-coated

Protocol:

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.
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

Publications

Product cited in: Ibrahim, Barnes, Osorio, Anstead, Jimenez, Osterholzer, Travi, Ahuja, White, Melby: "Deficiency of lymph node-resident dendritic cells (DCs) and dysregulation of DC chemoattractants in a malnourished mouse model of *Leishmania donovani* infection." in: **Infection and immunity**, Vol. 82, Issue 8, pp. 3098-112, (2014) ([PubMed](#)).