

Datasheet for ABIN6951452 **M-CSF/CSF1 ELISA Kit**



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Overview

Quantity: 96 tests

Target: M-CSF/CSF1 (CSF1)

Reactivity: Mouse

Method Type: Sandwich ELISA

Detection Range: 1 pg/mL - 350 pg/mL

Minimum Detection Limit: 1 pg/mL

Application: ELISA

Product Details

Purpose: Mouse M-CSF ELISA Kit for cell and tissue lysate samples.

Sample Type: Cell Lysate, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This ELISA kit shows no cross-reactivity with the following cytokines tested: Mouse CD30, L CD30, T CD40, CRG-2, CTACK, CXCL16, Eotaxin, Eotaxin-2, Fas Ligand, Fractalkine, GCSF, GM-CSF, IFN- gamma, IGFBP-3, IGFBP-5, IGFBP-6, IL-1 alpha, IL-1 beta, IL-2, IL-3, IL-3 Rb, IL-4, IL-5, IL-9, IL-10, IL-12 p40/p70, IL-12 p70, IL-13, IL-17, KC, Leptin R, LEPTIN(OB), LIX, L-Selectin, Lymphotactin, MCP-1, MCP- 5, MIG, MIP-1 alpha, MIP-1 gamma, MIP-2, MIP-3 beta, MIP-3 alpha, PF-4, P-Selectin, RANTES, SCF, SDF-1 alpha, TARC, TCA-3, TECK, TIMP-1, TNF-alpha, TNF RI, TNF RII, TPO, VCAM-1, VEGF.

Characteristics:

- 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:
- 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:
- 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: M-CSF/CSF1 (CSF1)

Alternative Name: M-CSF ([CSF1 Products](#))

Gene ID: 12977

UniProt: [P07141](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.

Application Details

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 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