

Datasheet for ABIN5026947 CCL3 ELISA Kit



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1 Image

Overview

Quantity:	96 tests
Target:	CCL3
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	23.44-1500 pg/mL
Minimum Detection Limit:	23.44 pg/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human MIP-1Alpha /CCL3 concentrations in serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	< 14 pg/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

Target Details

Target:	CCL3
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Target Details

Alternative Name: MIP-1alpha/CCL3 (Macrophage Inflammatory Protein-1alpha) ([CCL3 Products](#))

Pathways: [Cellular Response to Molecule of Bacterial Origin, Autophagy](#)

Application Details

Sample Volume: 100 µL

Assay Time: 3 - 4 h

Plate: Pre-coated

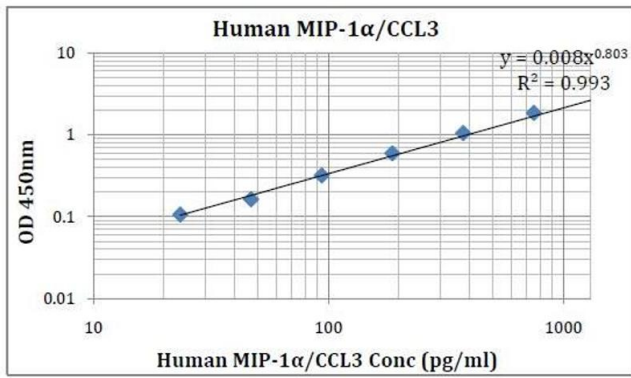
Protocol: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MIP-1Alpha /CCL3 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human MIP-1Alpha /CCL3 detection antibody was used. Standards, test samples and biotin conjugated detection antibody were added to the wells subsequently. Wash buffer was used to wash any non-specific binding. HRP conjugated Streptavidin was used as secondary antibody. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MIP-1Alpha /CCL3 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450nm in a microplate reader. Concentration of Human MIP-1Alpha /CCL3 can be calculated using the standard curve.

Restrictions: For Research Use only

Handling

Precaution of Use: protect your eyes

Storage: 4 °C



ELISA

Image 1.