

Datasheet for ABIN6719823

**CD163 ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	1 kit
Target:	CD163
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	1.56 ng/mL - 100 ng/mL
Minimum Detection Limit:	1.56 ng/mL
Application:	ELISA

## Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD_antigen=CD163, CD163, Hemoglobin scavenger receptor, M130, MM130, Scavenger receptor cysteine-rich type 1 protein M130</p> <p>Background: CD163(Cluster of Differentiation 163) is a human protein encoded by the CD163 gene. It has also been shown to mark cells of monocyte/macrophage lineage. CD163, a member of the scavenger receptor cysteine-rich(SRCR) superfamily, is exclusively expressed by monocytes and macrophages. Using FISH, somatic cell hybrid analysis, and radiation hybrid analysis, CD163 gene was mapped the to chromosome 12p13.3. CD163 is upregulated in a large range of diseases inflammatory diseases including type 2 diabetes, macrophage</p>

## Product Details

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activation sickness, Tangier's disease, reumatoid arthritis etc.

Gene Name: CD163

Production: Natural and recombinant human CD163. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: G41-S1045

## Target Details

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Target: CD163

Alternative Name: CD163 ([CD163 Products](#))

Gene ID: 9332

NCBI Accession: [NP\\_004235](#)

UniProt: [Q86VB7](#)

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 100 ng/mL, 50 ng/mL, 25 ng/mL, 12.5 ng/mL, 6.25 ng/mL, 3.13 ng/mL, 1.56 ng/mL human CD163 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernatants, serum or plasma (heparin) to each empty well. We recommend that each human CD163 standard solution and each sample is measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 1.56 ng/mL-100 ng/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

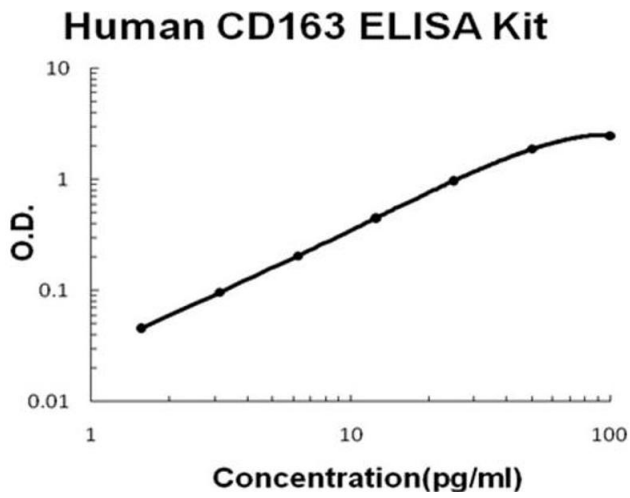
## Handling

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Storage: RT, 4 °C, -20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid

cycles of freezing and thawing.



#### ELISA

**Image 1.** Human CD163 Accusignal ELISA Kit Human CD163 AccuSignal ELISA Kit standard curve. Assay Range: 1.56ng/ml-100ng/ml. Sensitivity: <150pg/ml.