

Product datasheet

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ARG82598 Human CD66c ELISA Kit

Package: 96 wells Store at: 4°C

Summary

Product Description ARG82598 Human CD66c ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human

CD66c in serum, plasma and cell culture supernatants.

Tested Reactivity Hu

Tested Application ELISA

Specificity This kit could assay both natural and recombinant Human CD66c.

No significant cross-reactivity or interference was observed in the following samples:

Human: CD66a, CD66d, CD66e, CD66b, IFN gamma, IL1 beta, IL2, IL4, IL5, IL6, IL8, IL10, IL12, IL17A, IL18,

IL21, IL22, IL23, MCP1, TGF beta 1, TNF alpha and VEGF.

Mouse: CD66a, GM-CSF, IFN gamma, IL1 beta, IL2, IL4, IL6, IL10, IL17A and TNF alpha.

Rat: IFN gamma, IL1 beta, IL4, IL6, IL10 and TNF alpha.

Target Name CD66c

Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 7.8 pg/ml

Sample Type Serum, plasma and cell culture supernatants.

Standard Range 15.6 - 1000 pg/ml

Sample Volume $100 \ \mu l$

Precision Intra-Assay CV: 4.5%

Inter-Assay CV: 4.4%

Alternate Names Normal cross-reacting antigen; Carcinoembryonic antigen-related cell adhesion molecule 6; CEAL;

CD66c; CD antigen CD66c; NCA; Non-specific crossreacting antigen

Application Instructions

Assay Time ~ 3.5 hours

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test

reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual

for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol CEACAM6

www.arigobio.com arigo.nuts about antibodies 1/2

Gene Full Name

carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)

Background

This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq, Apr 2014]

Highlight

Related products:

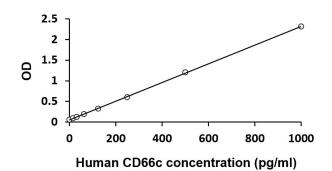
CD66 antibodies; CD66 ELISA Kits; CD66 Duos / Panels;

New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Cellular Localization

Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]

Images



ARG82598 Human CD66c ELISA Kit standard curve image

ARG82598 Human CD66c ELISA Kit results of a typical standard run with optical density reading at 450 nm.