

ARG82976 Human CD66e / CEA ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82976 Human CD66e / CEA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD66e / CEA in serum, plasma, cell culture supernatant samples.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CD66e / CEA
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.56 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	1.56 - 200 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; CD antigen CD66e; Carcinoembryonic antigen; Meconium antigen 100

Application Instructions

Assay Time	~ 4 hours
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Properties

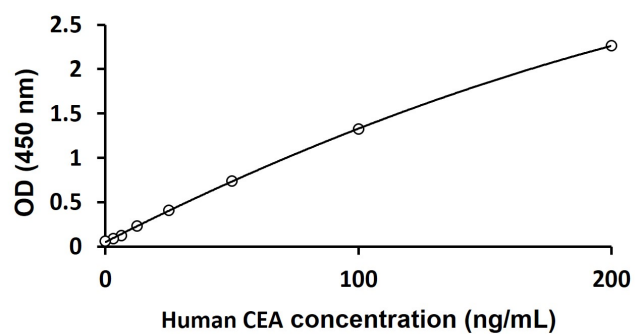
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CEACAM5
Gene Full Name	carcinoembryonic antigen-related cell adhesion molecule 5
Background	This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

Function	Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins. [UniProt]
Highlight	<p>Related products:</p> <p>CD66 antibodies; CD66 ELISA Kits; CD66 Duos / Panels;</p> <p>New ELISA data calculation tool:</p> <p>Simplify the ELISA analysis by GainData</p>
PTM	Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate. [UniProt]

Images



ARG82976 Human CEA ELISA Kit standard curve image

ARG82976 Human CEA ELISA Kit results of a typical standard run with optical density reading at 450 nm.