

ARG81887 Human CD93 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81887-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81887-002	Standard	2 X 10 ng/vial	4°C
ARG81887-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81887-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81887-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81887-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81887-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81887-008	25X Wash buffer	20 ml	4°C
ARG81887-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81887-010	STOP solution	10 ml (Ready to use)	4°C
ARG81887-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81887 Human CD93 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD93 in serum, plasma (heparin, EDTA), saliva, urine and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD93
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	39 pg/ml
Sample Type	Serum, plasma (heparin, EDTA), saliva, urine and cell culture supernatants.
Standard Range	78 - 5000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 7.3%; Inter-Assay CV: 8.1%
Alternate Names	C1q/MBL/SPA receptor; C1qR(P); C1qRp; Complement component 1 q subcomponent receptor 1; dJ737E23.1; CDw93; ECSM3; C1qR; p; Matrix-remodeling-associated protein 4; MXRA4; CD antigen CD93; Complement component C1q receptor; C1qRP; C1QR1

Application Instructions

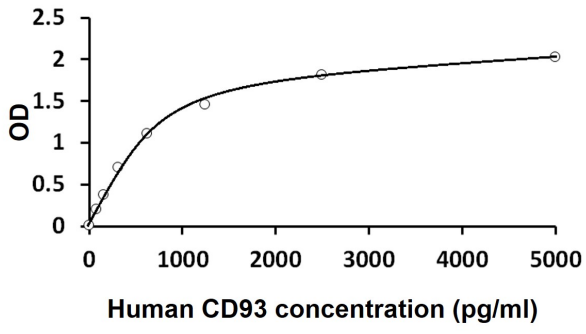
Assay Time	~ 5 hours
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Properties

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	CD93
Gene Full Name	CD93 molecule
Background	The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq, Jul 2008]
Function	Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion. [UniProt]
Highlight	Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N- and O-glycosylated. [UniProt]



ARG81887 Human CD93 ELISA Kit standard curve image

ARG81887 Human CD93 ELISA Kit results of a typical standard run with optical density reading at 450 nm.