

ARG81801 Human CD137 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81801-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81801-002	Standard	2 X 10 ng/vial	4°C
ARG81801-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81801-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81801-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81801-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81801-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81801-008	25X Wash buffer	20 ml	4°C
ARG81801-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81801-010	STOP solution	10 ml (Ready to use)	4°C
ARG81801-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81801 Human CD137 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD137 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD137
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.8%; Inter-Assay CV: 7.9%
Alternate Names	ILA; CD137; T-cell antigen 4-1BB homolog; CDw137; T-cell antigen ILA; 4-1BB; CD antigen CD137; Tumor necrosis factor receptor superfamily member 9; 4-1BB ligand receptor

Application Instructions

Assay Time ~ 5 hours

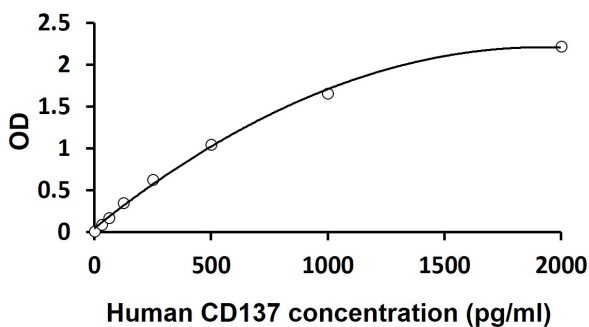
Properties

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	TNFRSF9
Gene Full Name	tumor necrosis factor receptor superfamily, member 9
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq, Jul 2008]
Function	Receptor for TNFSF9/4-1BBL. Possibly active during T cell activation. [UniProt]
Highlight	Related products: CD137 antibodies ; CD137 ELISA Kits ; CD137 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81801 Human CD137 ELISA Kit standard curve image

ARG81801 Human CD137 ELISA Kit results of a typical standard run with optical density reading at 450 nm.