

ARG81330 Human CD253 / TRAIL ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81330 Human CD253 / TRAIL ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD253 / TRAIL in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Recognizes both natural and recombinant soluble Human TRAIL. No cross reactivity with other Human soluble molecules.
Target Name	CD253 / TRAIL
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	64 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	93.75 - 3000 pg/ml
Sample Volume	100 µl
Alternate Names	TL2; CD253; Protein TRAIL; TNF-related apoptosis-inducing ligand; TRAIL; CD antigen CD253; Apo-2 ligand; Apo-2L; APO2L; Tumor necrosis factor ligand superfamily member 10

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	TNFSF10
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 10
Background	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3,

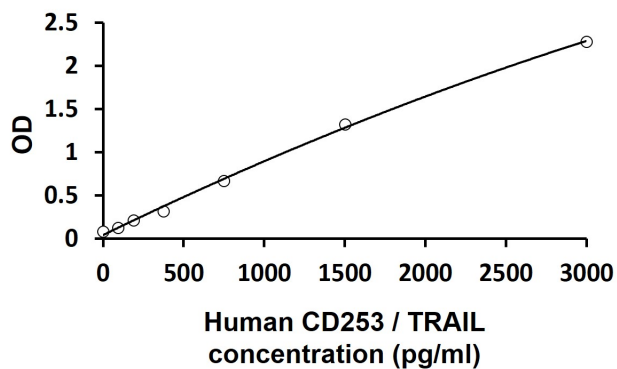
TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]

Function Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis. [UniProt]

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PTM Tyrosine phosphorylated by PKDCC/VLK. [UniProt]

Images



ARG81330 Human CD253 / TRAIL ELISA Kit standard curve image

ARG81330 Human CD253 / TRAIL ELISA Kit results of a typical standard run with optical density reading at 450 nm.