

ARG81331 Human CD261 / TRAIL-R1 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG81331 Human CD261 / TRAIL-R1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD261 / TRAIL-R1 in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Specific for Human CD261 / TRAIL-R1. No cross reactivity observed with TRAIL, CD117, IL-6R, IL-2R, CD116, TRAIL R2, TRAIL R3, TRAIL R4, CD178 and Granzyme B.
Target Name	CD261 / TRAIL R1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	8 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	31.25 - 1000 pg/ml
Sample Volume	100 µl
Alternate Names	TNF-related apoptosis-inducing ligand receptor 1; CD antigen CD261; TRAILR-1; DR4; Tumor necrosis factor receptor superfamily member 10A; CD261; Death receptor 4; APO2; TRAIL receptor 1; TRAIL-R1; TRAILR1

Application Instructions

Assay Time	~ 2.5 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.

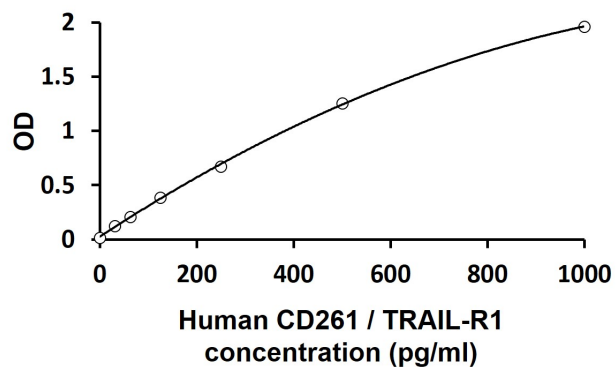
Bioinformation

Gene Symbol	TNFRSF10A
Gene Full Name	tumor necrosis factor receptor superfamily, member 10a
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008]

Function Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. [UniProt]

Highlight Related products:
[CD261 antibodies](#); [CD261 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Images



ARG81331 Human CD261 / TRAIL-R1 ELISA Kit standard curve image

ARG81331 Human CD261 / TRAIL-R1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.