

Human TRAIL ELISA Kit | TRAIL elisa kit

TRAIL Human ELISA Kit

CATALOG # AAA58921	REACTIVITY Human	APPLICATIONS ELISA
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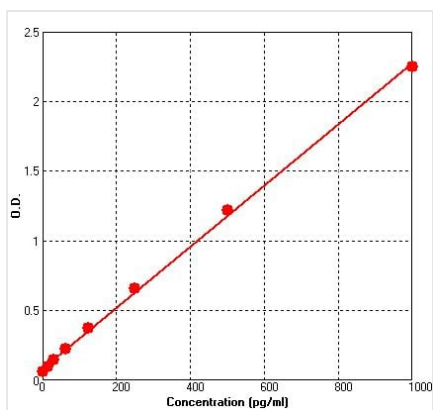
PRODUCT SYNONYMS

TRAIL; TRAIL Human ELISA Kit; Human TRAIL; TRAIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 1pg/ml
Applicable Applications for TRAIL elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRAIL elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TRAIL polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TRAIL polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TRAIL amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TRAIL can be calculated. Background: TNF-related apoptosis-inducing ligand (TRAIL), is a protein functioning as a ligand that induces the process of cell death called apoptosis. It is encoded by the TNFSF10 gene, which maps to 3q26, spans approximately 20 kb and contains 5 exons. TRAIL shows homology to other members of the tumor necrosis factor superfamily. It is composed of 281 amino acids and has characteristics of a type II transmembrane protein. TRAIL might induce apoptosis of brain tissue, indicating a potential target for treatment of multiple sclerosis. In cells expressing DcR2, TRAIL binding therefore activates NFkappaB, leading to transcription of genes known to antagonize the death signaling pathway and/or to promote inflammation.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/trail/58921>