

ARG83537

arigoQIK™ Human TNFRSF18 ELISA Development Kit

Package: 1 kit(5 plates), 1 kit
(15 plates)
Store at: 4°C, -20°C

Summary

Product Description

ARG83537 arigoQIK™ Human TNFRSF18 ELISA Development Kit, includes Capture antibody, Detection antibody, Standard, and HRP-Streptavidin Solution.

This ELISA Development Kit is designed for the development of sandwich ELISA to measure Human TNFRSF18 in serum, plasma and cell culture supernatants.

For other reagents required for [arigoQIK™ ELISA Development Kit](#), please refer [ARG83524 Integral Reagent Kit \(ELISA Development Kit\)](#)

[More about arigoQIK™:](#)

- Optimized capture and detection antibody pairs
- Reduced incubation time and wash cycles
- 2-hour quicker than conventional ELISA process
- 5- and 15-plate packages available

Tested Reactivity

Hu

Tested Application

ELISA

Target Name

TNFRSF18

Conjugation

HRP

Conjugation Note

Substrate: TMB and read at 450 nm.

Sensitivity

15.63 pg/ml

Sample Type

Serum, plasma and cell culture supernatants.

Standard Range

31.25 - 2000pg/ml

Sample Volume

50 µl

Alternate Names

TNFRSF18; TNF Receptor Superfamily Member 18; AITR; GITR; CD357; Tumor Necrosis Factor Receptor Superfamily Member 18; Glucocorticoid-Induced TNFR-Related Protein; Activation-Inducible TNFR Family Receptor; Tumor Necrosis Factor Receptor Superfamily, Member 18; TNF Receptor Superfamily Activation-Inducible Protein; CD357 Antigen; ENERGEN; GITR-D

Properties

Storage instruction

Store components at 4°C or -20°C. 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

TNFRSF18

Gene Full Name

TNFRSF18

Background

This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and

programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Feb 2011]

Function

Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway. [UniProt]

Highlight

Related news:
[arigoQIK, DIY your sandwich ELISA kits;](#)

PTM

Disulfide bond, Glycoprotein. [UniProt]

Cellular Localization

Cell membrane, Membrane, Secreted. [UniProt]