

Mouse TNFRSF19/TROY ELISA Kit | TNFRSF19/TROY elisa kit

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CATALOG #
AAA258478

REACTIVITY
Mouse

PRODUCT SYNONYMS

TNFRSF19/TROY; Mouse TNFRSF19/TROY ELISA Kit; TROY ELISA Kit; Mouse; tumor necrosis factor receptor superfamily; member 19; AL023044 ELISA Kit; AW123854 ELISA Kit; TAJ ELISA Kit; TAJ-ALPHA ELISA Kit; TRADE ELISA Kit; Troy ELISA Kit; TNFRSF19/TROY elisa kit

PRODUCT SPECIFICATIONS

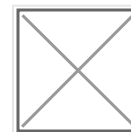
Reactivity	Mouse
Specificity	For the quantitative determination of Mouse TNFRSF19/TROY concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	15.63-1000pg/mL
Sensitivity	7.88pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES



Application Data

This assay recognizes both recombinant and natural Mouse TNFRSF19. The factors listed above were prepared at 10 or 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF19/TROY elisa kit	This TROY ELISA Kit, Mouse is an enzyme-linked immunosorbent assay for the quantitative measurement of Mouse TROY protein in Serum. It contains recombinant Mouse TROY, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Tumor necrosis factor receptor superfamily, member 19 (TNFRSF19), also known as TAJ-alpha or TROY, is a member of the TNF-receptor superfamily. TNFRSF19/TROY expression is detected in the pulmonary epithelium and the ductal epithelium of the prostate and parotid glands. TNFRSF19/TROY expression is detected in some adenocarcinoma cell lines that arise from this tissue. It has been shown to interact with TRAF family members, and to activate JNK signaling pathway when overexpressed in cells. TNFRSF19/TROY is capable of inducing apoptosis by a caspase-independent mechanism, and it is thought to play an essential role in embryonic development. TNFRSF19/TROY was negatively regulated by adipogenic transcription factor CCAAT/enhancer-binding proteins (C/EBP). TNFRSF19 signals activation of the Jnk pathway and induces cell death. Overexpression of TNFRSF19 also signals NFB activation, comparable and similar to that by p75NGFR. TNFRSF19/TROY is capable of activating key signaling pathways of the TNF receptor family, and its predominant expression patterns suggest that it plays a role in the growth and regulation of epithelial tissues.
References	Hu S, et al. (1999) Characterization of TNFRSF19, a novel member of the tumor necrosis factor receptor superfamily. Genomics. 62(1): 103-7. Qiu W, et al. (2010) Tumor necrosis factor receptor superfamily member 19 (TNFRSF19) regulates differentiation fate of human mesenchymal (stromal) stem cells through canonical Wnt signaling and C/EBP. J Biol Chem. 285(19): 14438-49. Hisaoka T, et al. (2006) Characterization of TROY/TNFRSF19/TAJ-expressing cells in the adult mouse forebrain. Brain Res. 1110(1): 81-94.

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/mouse-elisa-kits/tnfrsf19-troy/258478>