

Mouse Tumor Necrosis Factor Receptor Superfamily Member 12A (TNFRSF12A) ELISA Kit | TNFRSF12A elisa kit

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CATALOG # AAA332141	REACTIVITY Mouse
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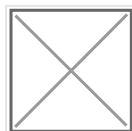
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily Member 12A (TNFRSF12A); Mouse Tumor Necrosis Factor Receptor Superfamily Member 12A (TNFRSF12A) ELISA Kit; TNFRSF12A; CD266; FN14; TWEAKR; type I transmembrane protein Fn14; TNFRSF12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tumor necrosis factor receptor superfamily member 12A (TNFRSF12A) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNFRSF12A. No significant cross-reactivity or interference between Mouse TNFRSF12A and analogues was observed.
Sequence Length	94
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	<ul style="list-style-type: none"> * Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tumor necrosis factor receptor superfamily member 12A (TNFRSF12A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF12A elisa kit	<p>Description: This Mouse Tumor necrosis factor receptor superfamily member 12A (TNFRSF12A) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF12A in samples. An antibody specific for TNFRSF12A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF12A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF12A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF12A bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: FN14 protein, which shares 82% amino acid identity with the mouse sequence, contains a signal peptide, an extracellular domain, a membrane-anchoring domain, and a cytoplasmic domain. Northern blot analysis detected increased FN14 expression in response to FGF1, calf serum, or phorbol ester stimulation of human quiescent fibroblasts in vitro. A 1.2-kb FN14 transcript was expressed at high levels in heart, placenta, and kidney, at intermediate levels in lung, skeletal muscle, and pancreas, and at low levels in brain and liver. In addition, elevated FN14 expression was found in human liver cancer cell lines and hepatocellular carcinoma specimens. Expression of mouse Fn14 was upregulated in hepatocellular carcinoma nodules that develop in 2 different transgenic mouse models of hepatocarcinogenesis.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239915999
NCBI GeneID	27279
NCBI Accession #	NP_001155218.1
NCBI GenBank Nucleotide #	NP_001155218.1
UniProt Accession #	Q9CR75
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 12A isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 12a
NCBI Official Symbol	Tnfrsf12a
NCBI Official Synonym Symbols	Fn14; HPIP; C87282; TweakR; TWEAK-R; AI255180
NCBI Protein Information	tumor necrosis factor receptor superfamily member 12A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 12A
UniProt Gene Name	Tnfrsf12a
UniProt Synonym Gene Names	Fgfrp2; Fn14; FGF-inducible 14; TweakR
UniProt Entry Name	TNR12_MOUSE

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.