

Mouse DR3 ELISA Kit | TNFRSF25 elisa kit

Mouse DR3 ELISA Kit

CATALOG #
AAA263147

REACTIVITY
Mouse

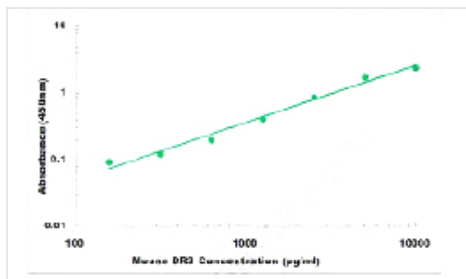
PRODUCT SYNONYMS

DR3; Mouse DR3 ELISA Kit; APO3; DDR3; TNFRSF12; WSL; WSL1; Tumor necrosis factor receptor superfamily member 25; Apo-3; Apoptosis-inducing receptor AIR; Apoptosis-mediating receptor DR3; Apoptosis-mediating receptor TRAMP; Death receptor 3; Lymphocyte-associated receptor of death; LARD; Protein WSL; Protein WSL-1; TNFRSF25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse DR3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse DR3 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	411
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<15 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF25 elisa kit	Principle of the Assay: The Mouse DR3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse DR3 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse DR3 coated on a 96-well plate. Standards and samples are pipetted into the wells and DR3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse DR3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of DR3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: Death receptor 3 (DR3), also known as tumor necrosis factor receptor superfamily member 25 (TNFRSF25), is a cell surface receptor of the tumor necrosis factor receptor superfamily which mediates apoptotic signalling and differentiation. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597436912
NCBI GeneID	85030
NCBI Accession #	NP_001277939.1
NCBI GenBank Nucleotide #	NM_001291010.1
UniProt Accession #	B1AWN9
Molecular Weight	44,264 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 25 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 25
NCBI Official Symbol	Tnfrsf25
NCBI Official Synonym Symbols	DR3; TR3; Wsl; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; Tnfrsf12
NCBI Protein Information	tumor necrosis factor receptor superfamily member 25
UniProt Protein Name	Protein Tnfrsf25
UniProt Gene Name	Tnfrsf25
UniProt Entry Name	B1AWN9_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.