

Rat tumor necrosis factor-inducible gene 6 protein (TSG-6) ELISA Kit | TSG-6 elisa kit

Rat tumor necrosis factor-inducible gene 6 protein, TSG-6 ELISA Kit

CATALOG #
AAA15810

REACTIVITY
Rat

PRODUCT SYNONYMS

tumor necrosis factor-inducible gene 6 protein (TSG-6); Rat tumor necrosis factor-inducible gene 6 protein; TSG-6 ELISA Kit; Rat tumor necrosis factor-inducible gene 6 protein (TSG-6) elisa kit; TSG-6; TSG6; hyaluronate-binding protein; tumor necrosis factor alpha-inducible protein 6; tumor necrosis factor-inducible protein 6; tumor necrosis factor-stimulated gene-6 protein; TSG-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat TSG-6. No significant cross-reactivity or interference between rat TSG-6 and analogues was observed.
Sequence Length	276
Samples	Serum, plasma and tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSG-6 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TSG-6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TSG-6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TSG-6 is added to the wells. After washing, avidin 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 TSG-6 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722863
NCBI GeneID	100009149
NCBI Accession #	NP_001075780.1
NCBI GenBank Nucleotide #	NM_001082311.1
UniProt Accession #	P98065
Molecular Weight	31,081 Da
NCBI Official Full Name	tumor necrosis factor-inducible gene 6 protein
NCBI Official Symbol	TNFAIP6
NCBI Protein Information	tumor necrosis factor-inducible gene 6 protein; TSG-6; TNF alpha-induced protein 6; TNF-stimulated gene 6 protein; hyaluronate-binding protein PS4; secreted hyaluronate binding protein; tumor necrosis factor alpha-induced protein 6
UniProt Protein Name	Tumor necrosis factor-inducible gene 6 protein
UniProt Gene Name	TNFAIP6
UniProt Synonym Gene Names	PS4; TSG6; TSG-6; TNF alpha-induced protein 6
UniProt Entry Name	TSG6_RABIT

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/rat-elisa-kits/tumor-necrosis-factor-inducible-gene-6-protein-tsg-6/15810>