

Human tumor susceptibility gene 101 ELISA Kit | TSG101 elisa kit

Human Tumor susceptibility gene 101 protein, TSG101 ELISA Kit

CATALOG #
AAA112930

REACTIVITY
Human

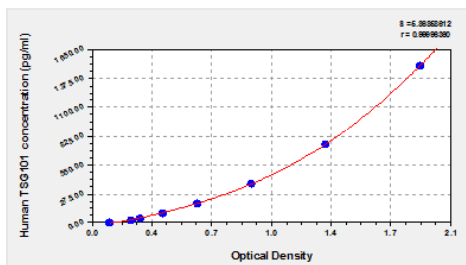
PRODUCT SYNONYMS

tumor susceptibility gene 101; Human Tumor susceptibility gene 101 protein; TSG101 ELISA Kit; Human Tumor susceptibility gene 101 protein (TSG101) ELISA kit; TSG10; VPS23; tumor susceptibility protein; TSG101 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TSG101. No significant cross-reactivity or interference between human TSG101 and analogues was observed.
Sequence Length	390
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	23.44 pg/ml-1500 pg/ml
Sensitivity	<5.86 pg/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 TSG101 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TSG101 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TSG101 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TSG101 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 TSG101 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454140
NCBI GeneID	7251
NCBI Accession #	NP_006283.1
NCBI GenBank Nucleotide #	NM_006292.3
UniProt Accession #	Q99816; Q9BUM5
Molecular Weight	43,944 Da
NCBI Official Full Name	tumor susceptibility gene 101 protein
NCBI Official Synonym Full Names	tumor susceptibility 101
NCBI Official Symbol	TSG101
NCBI Official Synonym Symbols	TSG10; VPS23
NCBI Protein Information	tumor susceptibility gene 101 protein; tumor susceptibility protein; ESCRT-I complex subunit TSG101
UniProt Protein Name	Tumor susceptibility gene 101 protein
UniProt Gene Name	TSG101
UniProt Entry Name	TS101_HUMAN

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://www.aaabiotech.com/tsg101-human-elisa-kits/tumor-susceptibility-gene-101/112930>