

Human Tumor Susceptibility Gene 101 Protein (TSG101) ELISA Kit | TSG101 elisa kit

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CATALOG #
AAA330347

REACTIVITY
Human

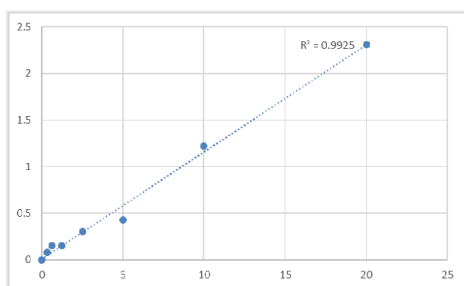
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tumor susceptibility gene 101 protein (TSG101) ELISA Kit 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
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* 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. Human Tumor susceptibility gene 101 protein (TSG101) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TSG101 elisa kit	Description: This Human Tumor susceptibility gene 101 protein (TSG101) ELISA Kit employs a two-site sandwich ELISA to quantitate TSG101 in samples. An 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, 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 TSG101 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tumor susceptibility gene 101, also known as TSG101, is a protein belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. The gene product contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. The protein may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of this tumor susceptibility gene appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454140
NCBI GeneID	7251
NCBI Accession #	NP_006283.1
NCBI GenBank Nucleotide #	NP_006283.1
UniProt Accession #	Q99816
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
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://stage.aaabiotech.com/human-elisa-kits/tumor-susceptibility-gene-101-protein-tsg101/330347>