

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

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CATALOG # AAA151299	REACTIVITY Mouse
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PRODUCT SYNONYMS

Tumor Susceptibility Gene 101 (TSG101); Mouse Tumor Susceptibility Gene 101 (TSG101) ELISA Kit; TSG101/Tumor Susceptibility Gene 101; TSG10; VPS23; Tumor Susceptibility Gene 10; ESCRT-I complex subunit TSG101; TSG101 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TSG101. No significant cross-reactivity or interference between TSG101 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TSG101 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TSG101 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term(within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

ADDITIONAL INFORMATION

Related Product Information for TSG101 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TSG101. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TSG101. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TSG101, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of TSG101 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TSG101 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for TSG101 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	11230780
NCBI GeneID	22088
NCBI Accession #	NP_068684
NCBI GenBank Nucleotide #	NM_021884.3
UniProt Accession #	Q61187
Molecular Weight	44,124 Da
NCBI Official Full Name	tumor susceptibility gene 101 protein
NCBI Official Synonym Full Names	tumor susceptibility gene 101
NCBI Official Symbol	Tsg101
NCBI Official Synonym Symbols	CC2; AI255943
NCBI Protein Information	tumor susceptibility gene 101 protein
UniProt Protein Name	Tumor susceptibility gene 101 protein
UniProt Gene Name	Tsg101
UniProt Entry Name	TS101_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/tumor-susceptibility-gene-101-tsg101/151299>