

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

Human Tumor Susceptibility Gene 101 (TSG101) ELISA Kit

CATALOG #
AAA63510

REACTIVITY
Human

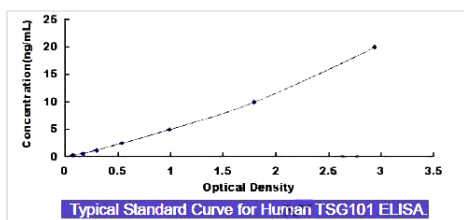
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TRPM7. No significant cross-reactivity or interference between TRPM7 and analogues was observed.
Sequence Length	390
Samples	Human Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	33pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TRPM7 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 TRPM7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSG101 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TRPM7 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TRPM7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TRPM7. 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 TRPM7, 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 TRPM7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

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	31,732 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
UniProt Protein Name	Tumor susceptibility gene 101 protein
UniProt Gene Name	TSG101

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://stage.aaabiotech.com/human-elisa-kits/tumor-susceptibility-gene-101-tsg101/63510>