

Human TEX101 (testis expressed 101) ELISA Kit | TEX101 elisa kit

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CATALOG #
AAA248312

REACTIVITY
Human

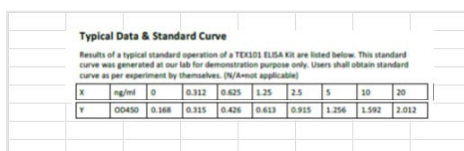
PRODUCT SYNONYMS

TEX101 (testis expressed 101); Human TEX101 (testis expressed 101) ELISA Kit; TEX101 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TEX101. No significant cross-reactivity or interference between TEX101 and analogues was observed.
Sequence Length	267
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TEX101 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TEX101 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TEX101 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TEX101 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- TEX101 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TEX101 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TEX101 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33876506
NCBI GeneID	83639
Molecular Weight	28,557 Da
NCBI Official Full Name	Testis expressed 101
NCBI Official Synonym Full Names	testis expressed 101
NCBI Official Symbol	TEX101
NCBI Official Synonym Symbols	SGRG; CT131; GTPR867; NYD-SP8; PRO1884; SPATA44; TES101RP
NCBI Protein Information	testis-expressed protein 101; testis-expressed sequence 101 protein
UniProt Protein Name	Testis-expressed protein 101
UniProt Gene Name	TEX101
UniProt Synonym Gene Names	SGRG

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/human-elisa-kits/tex101-testis-expressed-101/248312>