

Human TET1 (Methylcytosine dioxygenase TET1) ELISA Kit | TET1 elisa kit

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CATALOG #
AAA251171

REACTIVITY
Human

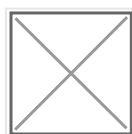
PRODUCT SYNONYMS

TET1 (Methylcytosine dioxygenase TET1); Human TET1 (Methylcytosine dioxygenase TET1) ELISA Kit; TET1; Methylcytosine dioxygenase TET1; CXXC-type zinc finger protein 6; Leukemia-associated protein with a CXXC domain; Ten-eleven translocation 1 gene protein; TET1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize TET1, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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 TET1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti TET1 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti TET1 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with TET1 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of TET1 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.

NCBI AND UNIPROT INFORMATION

NCBI GI #

115502139

NCBI GeneID	80312
UniProt Accession #	Q8NFU7; Q5VUP7; Q7Z6B6; Q8TCR1; Q9C0I7
Molecular Weight	2136
NCBI Official Full Name	Methylcytosine dioxygenase TET1
NCBI Official Synonym Full Names	tet methylcytosine dioxygenase 1
NCBI Official Symbol	TET1
NCBI Official Synonym Symbols	LCX; CXXC6; bA119F7.1
NCBI Protein Information	methylcytosine dioxygenase TET1; CXXC finger 6; tet oncogene 1; CXXC zinc finger 6; TET1 splice variant VP_DE4; ten-eleven translocation-1; TET1 splice variant VP_DE456; CXXC-type zinc finger protein 6; ten-eleven translocation 1 gene protein; leukemia-as
UniProt Protein Name	Methylcytosine dioxygenase TET1
UniProt Gene Name	TET1
UniProt Synonym Gene Names	CXXC6; KIAA1676; LCX
UniProt Entry Name	TET1_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/tet1-methylcytosine-dioxygenase-tet1/251171>