

Human Methylcytosine dioxygenase TET2 (TET2) ELISA Kit | TET2 elisa kit

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CATALOG #
AAA43925

REACTIVITY
Human

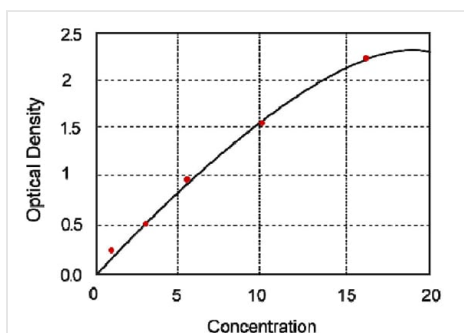
PRODUCT SYNONYMS

Methylcytosine dioxygenase TET2 (TET2); Human Methylcytosine dioxygenase TET2 (TET2) ELISA Kit; TET2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1920
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.043ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TET2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TET2 antibody. TET2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TET2 Antibody is added and binds to TET2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TET2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human TET2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Methylcytosine dioxygenase TET2 (also known as TET2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1092878820
NCBI GeneID	214133
NCBI Accession #	NP_001333665.1
NCBI GenBank Nucleotide #	NM_001346736.1
UniProt Accession #	Q4JK59; Q3U5R5; Q3U633; Q3UAI0; Q6ZPN2; Q8K2K3
Molecular Weight	68,060 Da
NCBI Official Full Name	methylcytosine dioxygenase TET2 isoform 2
NCBI Official Synonym Full Names	tet methylcytosine dioxygenase 2
NCBI Official Symbol	Tet2
NCBI Official Synonym Symbols	Ayu17-449; mKIAA1546; E130014J05Rik
NCBI Protein Information	methylcytosine dioxygenase TET2
UniProt Protein Name	Methylcytosine dioxygenase TET2
UniProt Gene Name	Tet2
UniProt Synonym Gene Names	Kiaa1546

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.