

Human Brachyury Protein (T) ELISA Kit | TBXT elisa kit

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CATALOG #
AAA330661

REACTIVITY
Human

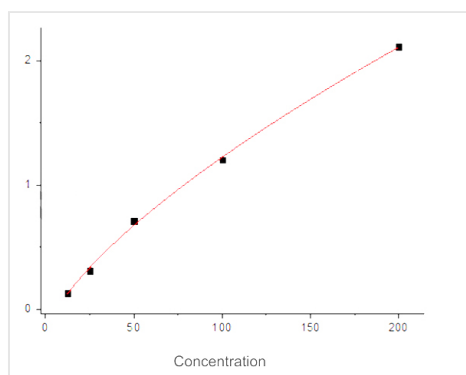
PRODUCT SYNONYMS

Brachyury Protein (T); Human Brachyury Protein (T) ELISA Kit; T; RP11-459F1.1; MGC104817; TFT; OTTHUMP00000017588; T brachyury homolog; T brachyury-like; transcription factor T; TBXT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	377
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	12.5 ng/L - 200 ng/L
Sensitivity	< 1 ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TBXT elisa kit	Background: Brachyury is a protein that, in humans, is encoded by the TBXT (T-box transcription factor T) gene. Brachyury is a member of a protein family called T-box proteins, which play critical roles during embryonic development. T-box proteins regulate the activity of other genes by attaching (binding) to specific regions of DNA. On the basis of this action, T-box proteins are called transcription factors. The brachyury protein is important for the development of the notochord, which is the precursor of the spinal column in the embryo. The notochord disappears before birth, but in a small percentage of individuals, some of its cells remain in the base of the skull or in the spine. Principle of the Assay: Brachyury is a protein that, in humans, is encoded by the TBXT (T-box transcription factor T) gene. Brachyury is a member of a protein family called T-box proteins, which play critical roles during embryonic development. T-box proteins regulate the activity of other genes by attaching (binding) to specific regions of DNA. On the basis of this action, T-box proteins are called transcription factors. The brachyury protein is important for the development of the notochord, which is the precursor of the spinal column in the embryo. The notochord disappears before birth, but in a small percentage of individuals, some of its cells remain in the base of the skull or in the spine.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	394953947
NCBI GeneID	6862
NCBI Accession #	NP_001257413.1
NCBI GenBank Nucleotide #	NP_001257413.1
UniProt Accession #	O15178
NCBI Official Full Name	T-box transcription factor T isoform 2
NCBI Official Synonym Full Names	T-box transcription factor T
NCBI Official Symbol	TBXT
NCBI Official Synonym Symbols	T; TFT; SAVA
NCBI Protein Information	T-box transcription factor T; brachyury protein
UniProt Protein Name	Brachyury protein
UniProt Gene Name	T
UniProt Entry Name	BRAC_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/brachyury-protein-t/330661>