

Human Transforming Growth factor beta, TGF-beta ELISA Kit | TGF-beta elisa kit

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CATALOG #
AAA43443

REACTIVITY
Human

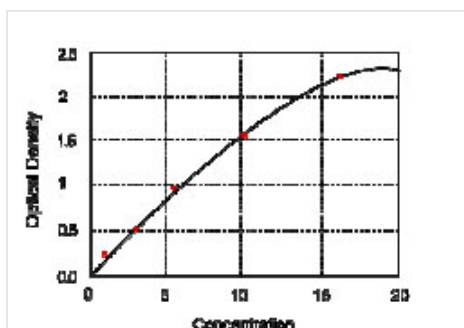
PRODUCT SYNONYMS

Transforming Growth factor beta; TGF-beta; Human Transforming Growth factor beta; TGF-beta ELISA Kit; TGF-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	112
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml-2000pg/ml
Sensitivity	2.51pg/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 TGF-beta elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Antibacterial protein LL-37(also known as LL-37) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LL-37 antibody. LL-37 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LL-37 Antibody is added and binds to LL-37 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LL-37 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 LL-37. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	339558
NCBI GeneID	7040
Molecular Weight	44,341 Da
NCBI Official Full Name	transforming growth factor-beta, partial
NCBI Official Synonym Full Names	transforming growth factor beta 1
NCBI Official Symbol	TGFB1
NCBI Official Synonym Symbols	CED; LAP; DPD1; TGFB; TGFbeta
NCBI Protein Information	transforming growth factor beta-1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGFB; TGF-beta-1; LAP

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/transforming-growth-factor-beta-tgf-beta/43443>