

Human Transforming Growth Factor-beta-Induced Protein ig-h3 (TGFB1) ELISA Kit | TGFB1 elisa kit

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CATALOG #
AAA330724

REACTIVITY
Human

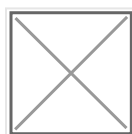
PRODUCT SYNONYMS

Transforming Growth Factor-beta-Induced Protein ig-h3 (TGFB1); Human Transforming Growth Factor-beta-Induced Protein ig-h3 (TGFB1) ELISA Kit; TGFB1; BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; LCD1; RGD-containing collagen-associated protein; kerato-epithelin; TGFB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transforming growth factor-beta-induced protein ig-h3 (TGFB1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TGFB1. No significant cross-reactivity or interference between Human TGFB1 and analogues was observed.
Sequence Length	683
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	15 ng/L - 240 ng/L
Sensitivity	< 1.0 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)

Fig.1. Human Transforming growth factor-beta-induced protein ig-h3 (TGFB1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TGFB1 elisa kit

Principle of the Assay: Human Transforming growth factor-beta-induced protein ig-h3 (TGFB1) ELISA Kit employs a two-site sandwich ELISA to quantitate TGFB1 in samples. An antibody specific for Human TGFB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGFB1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated TGFB1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of TGFB1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507467
NCBI GeneID	7045
NCBI Accession #	NP_000349.1
NCBI GenBank Nucleotide #	NP_000349.1
UniProt Accession #	Q15582
NCBI Official Full Name	transforming growth factor-beta-induced protein ig-h3
NCBI Official Synonym Full Names	transforming growth factor beta induced
NCBI Official Symbol	TGFBI
NCBI Official Synonym Symbols	CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; BIGH3; CDGG1
NCBI Protein Information	transforming growth factor-beta-induced protein ig-h3
UniProt Protein Name	Transforming growth factor-beta-induced protein ig-h3
UniProt Gene Name	TGFBI
UniProt Synonym Gene Names	BIGH3; Beta ig-h3; RGD-CAP
UniProt Entry Name	BGH3_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.

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-induced-protein-ig-h3-tgfbi/330724>