

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

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CATALOG # AAA332380	REACTIVITY Mouse
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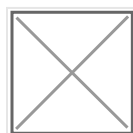
PRODUCT SYNONYMS

Transforming Growth Factor-beta-Induced Protein ig-h3 (TGFB1); Mouse 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	Mouse
Specificity	Mouse Transforming growth factor-beta-induced protein ig-h3 (TGFB1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TGFB1. No significant cross-reactivity or interference between Mouse TGFB1 and analogues was observed.
Sequence Length	683
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

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

ADDITIONAL INFORMATION

Related Product Information for TGFBI elisa kit	Description: This Mouse 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 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, a biotin-conjugated antibody specific for TGFB1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate 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. Background: TGF-beta is capable of producing a variety of effects and virtually all cell types respond to this factor in some way. The inappropriate presence of active TGF-beta1 has been implicated in a variety of pathological conditions Because of the necessity for regulating its activity tightly, TGF-beta is secreted by cells in the form of an inactive complex. This complex consists of TGF-beta1 associated non-covalently with a protein designated the latency associated peptide (LAP). TGF-beta1 and LAP represent components of a pro-peptide that is cleaved in a post-golgi compartment prior to secretion. LAP and TGF-beta1 each consist of a disulfide-linked homodimer and the association of these two components renders TGF-beta1 inactive and inaccessible to anti-TGF-beta antibodies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678321
NCBI GeneID	21810
NCBI Accession #	NP_033395.1
NCBI GenBank Nucleotide #	NP_033395.1
UniProt Accession #	P82198
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	Tgfb1
NCBI Official Synonym Symbols	68kDa; big-h3; Beta-ig; AI181842; AI747162
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	Tgfb1
UniProt Synonym Gene Names	Beta ig-h3
UniProt Entry Name	BGH3_MOUSE

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/mouse-elisa-kits/transforming-growth-factor-beta-induced-protein-ig-h3-tgfb1/332380>