Human Transforming Growth Factor beta-1-Induced Transcript 1 Protein (TGFB1I1) ELISA Kit | TGFB1I1 elisa kit

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CATALOG #	REACTIVITY
AAA330721	**Human**

PRODUCT SYNONYMS

Transforming Growth Factor beta-1-Induced Transcript 1 Protein (TGFB1I1); Human Transforming Growth Factor beta-1-Induced Transcript 1 Protein (TGFB1I1) ELISA Kit; TGFB1I1; ARA55; HIC-5; HIC5; TSC-5; androgen receptor coactivator ARA55; androgen receptor-associated protein of 55 kDa; hydrogen peroxide-inducible clone 5 protein; TGFB1I1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transforming growth factor beta-1-induced transcript 1 protein (TGFB1I1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TGFB1I1. No significant cross-reactivity or interference between Human TGFB1I1 and analogues was observed.
Sequence Length	444
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. Human Transforming growth factor beta-1-induced transcript 1 protein (TGFB1I1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TGFB1I1 elisa kit	Description: This Human Transforming growth factor beta-1-induced transcript 1 protein (TGFB1I1) ELISA Kit employs a two-site sandwich ELISA to quantitate TGFB1I1 in samples. An antibody specific for TGFB1I1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGFB1I1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGFB1I1 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 TGFB1I1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TGFB1I1 is a coactivator of the androgen receptor, a transcription factor which is activated by androgen and has a key role in male sexual differentiation. TGFB1I1 is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer. Multiple transcript variants encoding different isoforms have been found for TGFB1I1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119572515
NCBI GeneID	7041
UniProt Accession #	O43294
NCBI Official Full Name	transforming growth factor beta 1 induced transcript 1, isoform CRA_a
NCBI Official Synonym Full Names	transforming growth factor beta 1 induced transcript 1
NCBI Official Symbol	TGFB1I1
NCBI Official Synonym Symbols	HIC5; ARA55; HIC-5; TSC-5
NCBI Protein Information	transforming growth factor beta-1-induced transcript 1 protein
UniProt Protein Name	Transforming growth factor beta-1-induced transcript 1 protein
UniProt Gene Name	**TGFB1I1**
UniProt Synonym Gene Names	ARA55; Hic-5
UniProt Entry Name	TGFI1_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/transforming-growth-factor-beta-1-induced-transcript-1-protein-tgfb1i1/330721