

Human TGF-beta3 ELISA Kit | TGF-beta3 elisa kit

Human TGF-beta3 Pre-Coated ELISA Kit

CATALOG #
AAA79381

REACTIVITY
Human

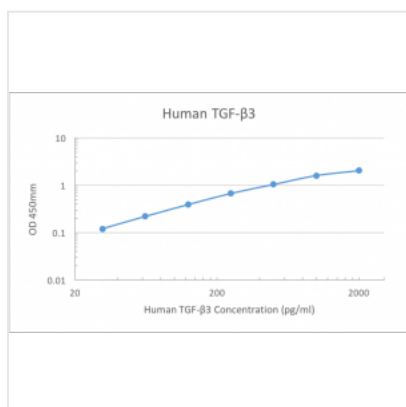
PRODUCT SYNONYMS

TGF-beta3; Human TGF-beta3 Pre-Coated ELISA Kit; TGF-beta3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human TGF-beta3
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Components	Anti-Human TGF-beta3 Pre-coated 96-well strip microplate Human TGF-beta3 Standard Human TGF-beta3 Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-beta3 elisa kit	The three mammalian isoforms of TGF-beta, TGF-beta1, beta2, and beta3, signal through the same receptor and elicit similar biological responses. They are multifunctional cytokines that regulate cell proliferation, growth, differentiation and motility, as well as synthesis and deposition of the extracellular matrix. They are involved in various physiological processes, including embryogenesis, tissue remodeling and wound healing. They are secreted predominantly as latent complexes, which are stored at the cell surface and in the extracellular matrix. The release of the biologically active TGF-beta isoform from a latent complex involves proteolytic processing of the complex and/or induction of conformational changes by proteins such as thrombospondin-1. The physiological role of TGF-beta3 is still unknown, but its expression pattern suggests a role in the regulation of certain development processes. Human TGF-beta3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure TGF-beta3 with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for TGF-beta3. It contains sf21-expressed recombinant TGF-beta3. The detection antibody is a biotinylated goat polyclonal antibody specific for TGF-beta3. The kit is analytically validated with ready to use reagents.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507465
NCBI GeneID	7043
NCBI Accession #	NP_003230.1
NCBI GenBank Nucleotide #	NM_003239.2
UniProt Accession #	P10600
Molecular Weight	47,328 Da
NCBI Official Full Name	transforming growth factor beta-3 preproprotein
NCBI Official Synonym Full Names	transforming growth factor, beta 3
NCBI Official Symbol	TGFB3
NCBI Official Synonym Symbols	ARVD; TGF-beta3
NCBI Protein Information	transforming growth factor beta-3; TGF-beta-3
UniProt Protein Name	Transforming growth factor beta-3
UniProt Gene Name	TGFB3
UniProt Synonym Gene Names	TGF-beta-3; LAP
UniProt Entry Name	TGFB3_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.