

Transforming growth factor beta 1 ELISA Kit | TGF-b1 elisa kit

Transforming growth factor beta 1 (TGF-b1)

CATALOG #
AAA77861

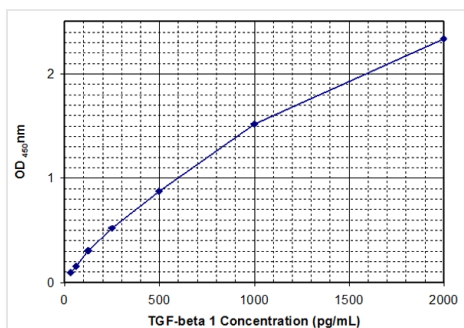
PRODUCT SYNONYMS

Transforming growth factor beta 1; Transforming growth factor beta 1 (TGF-b1); Transforming growth factor beta 1 (TGF-beta1); TGF-b1 elisa kit

PRODUCT SPECIFICATIONS

Specificity	This sandwich ELISA recognizes both natural and recombinant human TGF-beta1. The factors listed below were prepared at 50ng/mL in Calibrator Diluent I and Calibrator Diluent II and assayed for cross-reactivity. No significant cross-reactivity or interference was observed.
Sequence Length	390
Samples	Human Plasma, Serum, Milk, And Cell Culture Sample.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-b1 elisa kit	Intended Uses: This human lactoferrin assay is intended for the quantitative determination of lactoferrin in human plasma, serum, milk, and cell culture sample. For research use only. Principle of the Assay: Human lactoferrin will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, biotin labeled anti-human lactoferrin primary antibody binds to the captured protein. Excess primary antibody is washed away and bound antibody is reacted with peroxidase conjugated streptavidin. Following an additional washing step, TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of human lactoferrin and is measured along with the test sample. Color development is proportional to the concentration of total lactoferrin in the samples!!Background/Introduction: Lactoferrin [aka lactotransferrin or growth-inhibiting protein 12] is an 82.4kDa 691 amino acid glycoprotein which carries 2 ferric ions per molecule and is the main iron binding protein in milk [1]. Lactoferrin has multiple physiological functions including iron absorption regulation and antibacterial, antiviral, and antiparasitic activity. Degranulated neutrophils are the primary source of plasma lactoferrin which is increased during inflammation and bacterial infection [2].
Product Categories/Family for TGF-b1 elisa kit	ELISA Kits for Human Cytokines and Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	50979134
NCBI GeneID	403998
NCBI Accession #	NP_001003309.1
NCBI GenBank Nucleotide #	NM_001003309.1
Molecular Weight	44,185 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Symbol	TGFB1
NCBI Protein Information	transforming growth factor beta-1; TGF-beta-1; transforming growth factor beta 1; transforming growth factor, beta 1 (Camurati-Engelmann disease); transforming growth factor-beta 1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Entry Name	TGFB1_CANFA

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/tgf-b1-elisa-kits/transforming-growth-factor-beta-1/77861>