

Chicken Transforming Growth Factor beta3 ELISA Kit | TGFbeta3 elisa kit

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CATALOG #
AAA94820

REACTIVITY
Chicken

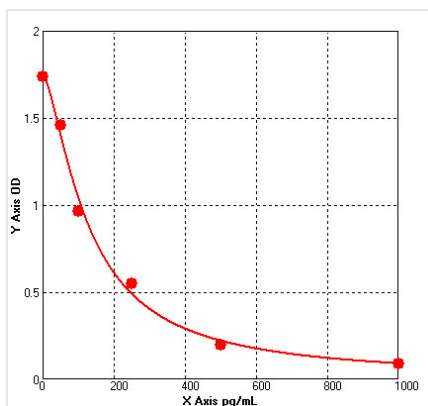
PRODUCT SYNONYMS

Transforming Growth Factor beta3; Chicken Transforming Growth Factor beta3 ELISA Kit; Chicken Transforming Growth Factor b3 ELISA Kit; TGFbeta3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of TGF-beta3. No significant cross-reactivity or interference between TGF-beta3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TGF-beta3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFbeta3 elisa kit	Intended Uses: This TGF-beta3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TGF-beta3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TGF-beta3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TGF-beta3 antibody and an TGF-beta3-HRP conjugate. The assay sample and buffer are incubated together with TGF-beta3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TGF-beta3 concentration since TGF-beta3 from samples and TGF-beta3-HRP conjugate compete for the anti-TGF-beta3 antibody binding site. Since the number of sites is limited, as more sites are occupied by TGF-beta3 from the sample, fewer sites are left to bind TGF-beta3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TGF-beta3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TGFbeta3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507465
NCBI GeneID	7043
NCBI Accession #	NP_003230.1
NCBI GenBank Nucleotide #	NM_003239.3
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; RNHF; ARVD1; TGF-beta3
NCBI Protein Information	transforming growth factor beta-3; TGF-beta-3; prepro-transforming growth factor 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.

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Online datasheet: <https://stage.aaabiotech.com/tgfbeta3-chicken-elisa-kits/transforming-growth-factor-beta3/94820>