

TGF-beta1 elisa kit

Rat TGF-beta1 ELISA KIT

CATALOG #
AAA267260

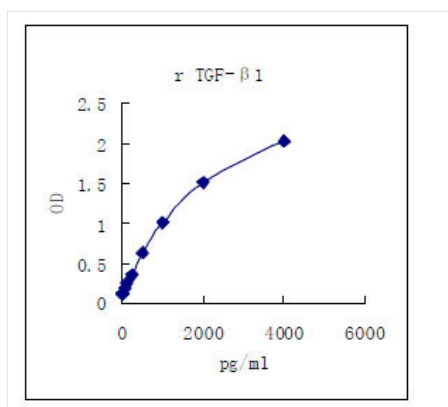
PRODUCT SYNONYMS

TGF-beta1; Rat TGF-beta1 ELISA KIT; TGF-beta1 elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of SOD. No significant cross-reactivity or interference between SOD and analogues was observed.
Sequence Length	381
Samples	Cell Culture Supernates, Serum And Plasma
Assay Type	Quantitative Sandwich
Sensitivity	0.069ng/mL
Intra-assay Precision	Three samples of known concentration were tested 20 times on one plate to evaluate the Intra-plate precision. Intra-Assay: CV<10%
Inter-assay Precision	Three samples of known concentration were tested 20 times separate assays to evaluate the Inter-plate precision. Assay were using two lots of components. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-beta1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for SOD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SOD present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for SOD is added to the wells and binds to the combination of capture antibody-SOD in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of SOD present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven SOD standard dilutions and SOD sample concentration determined!!Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SOD in rat serum, plasma,tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	913402539
NCBI GeneID	100694653
NCBI Accession #	NP_001298254.1
NCBI GenBank Nucleotide #	NM_001311325.1
NCBI Official Full Name	transforming growth factor beta-1-like
NCBI Official Symbol	LOC100694653
NCBI Protein Information	transforming growth factor beta-1-like

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/elisa-kits/tgf-beta1/267260>