

Product datasheet

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ARG81807 Rat TGF beta 3 ELISA Kit

Package: 96 wells Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81807-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81807-002	Standard	2 X 10 ng/vial	4°C
ARG81807-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81807-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG81807-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81807-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG81807-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81807-008	25X Wash buffer	20 ml	4°C
ARG81807-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81807-010	STOP solution	10 ml (Ready to use)	4°C
ARG81807-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81807 Rat TGF beta 3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat TGF beta

3 in serum, plasma (EDTA), urine and cell culture supernatants.

Tested Reactivity Rat

Tested Application ELISA

Specificity There is no detectable cross-reactivity with other relevant proteins.

Target Name TGF beta 3

Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 15.6 pg/ml

Sample Type Serum, plasma (EDTA), urine and cell culture supernatants.

Standard Range 31.2 - 2000 pg/ml

Sample Volume $100 \ \mu l$

Precision Intra-Assay CV: 6.4%; Inter-Assay CV: 7.2%

Alternate Names TGF-beta3; RNHF; LAP; ARVD; ARVD1; Transforming growth factor beta-3; TGF-beta-3

Application Instructions

Assay Time ~ 5 hours

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test

reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual

for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol TGFB3

Gene Full Name transforming growth factor, beta 3

Background This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and is

involved in embryogenesis and cell differentiation. Defects in this gene are a cause of familial

arrhythmogenic right ventricular dysplasia 1. [provided by RefSeq, Mar 2009]

Function Involved in embryogenesis and cell differentiation. [UniProt]

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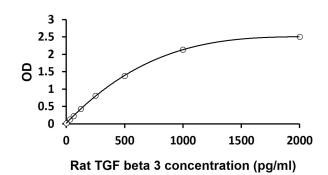
TGF beta antibodies; TGF beta ELISA Kits; TGF beta recombinant proteins;

New ELISA data calculation tool: Simplify the ELISA analysis by GainData

PTM The precursor is cleaved into mature TGF-beta-3 and LAP, which remains non-covalently linked to

mature TGF-beta-3 rendering it inactive. [UniProt]

Images



ARG81807 Rat TGF beta 3 ELISA Kit standard curve image

ARG81807 Rat TGF beta 3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.