

ARG83191 Canine TGF beta 3 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83191 Canine TGF beta 3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Canine TGF beta 3 in Serum, Plasma, Urine and Cell culture supernatants.
Tested Reactivity	Dog
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 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma, Urine and Cell culture supernatants
Precision	Intra-Assay CV: 4.5% Inter-Assay CV: 5.9%
Alternate Names	TGF-beta3; RNHF; LAP; ARVD; ARVD1; Transforming growth factor beta-3; TGF-beta-3

Application Instructions

Assay Time	~ 5 hours
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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]
Highlight	Related products:

[TGF beta antibodies](#); [TGF beta ELISA Kits](#); [TGF beta recombinant proteins](#);

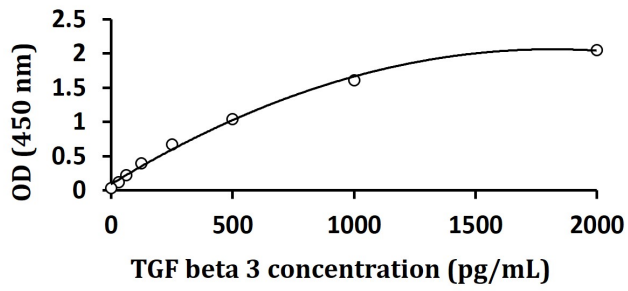
New ELISA data calculation tool:

[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



ARG83191 Canine TGF beta 3 ELISA Kit standard curve image

ARG83191 Canine TGF beta 3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
