

ARG80211 Mouse TGF beta 1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80211-001	Antibody-coated microplate	8 X 12 strips	4°C.
ARG80211-002	Standard (Lyophilized)	3 X 2 ng/vial	4°C
ARG80211-003	Standard diluent buffer	20 ml	4°C
ARG80211-004	Antibody conjugate concentrate	400 µl	4°C
ARG80211-005	Antibody diluent buffer	16 ml	4°C
ARG80211-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80211-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80211-008	20X Wash buffer	50 ml	4°C
ARG80211-009	TMB substrate	12ml	4°C (Protect from light)
ARG80211-010	STOP solution	12ml	4°C
ARG80211-011	1N HCl	5 ml	4°C
ARG80211-012	1N NaOH	5 ml	4°C
ARG80211-013	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80211 Mouse TGF beta 1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse TGF beta 1 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human TGF- R1/Fc Chimera TGF-2@amphibian TGF-5
Target Name	TGF beta 1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	15 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	31.25 - 2000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	TGFB; DPD1; TGFbeta; CED; Transforming growth factor beta-1; LAP; TGF-beta-1

Application Instructions

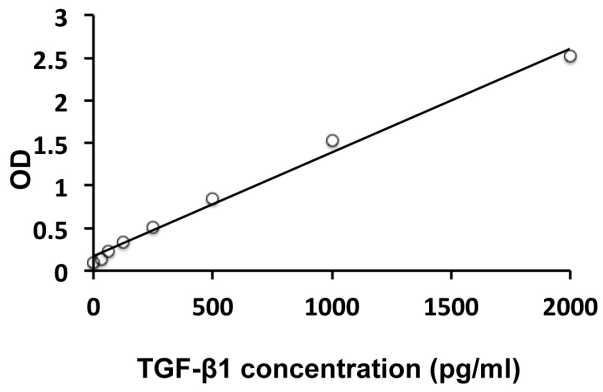
Assay Time	4 hours
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Properties

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

Database links	GeneID: 21803 Mouse Swiss-port # P04202 Mouse
Gene Symbol	Tgfb1
Gene Full Name	transforming growth factor, beta 1
Background	TGF beta (Transforming Growth Factor beta) is a multifunctional peptide that controls proliferation, differentiation and other functions in many cell types.
Highlight	<p>Related products:</p> <p>TGF beta antibodies; TGF beta ELISA Kits; TGF beta recombinant proteins;</p> <p>New ELISA data calculation tool:</p> <p>Simplify the ELISA analysis by GainData</p>
Research Area	Cancer kit; Cell Biology and Cellular Response kit; Developmental Biology kit; Metabolism kit; Signaling Transduction kit
PTM	<p>Glycosylated.</p> <p>The precursor is cleaved into mature TGF-beta-1 and LAP, which remains non-covalently linked to mature TGF-beta-1 rendering it inactive.</p>



ARG80211 Mouse TGF beta 1 ELISA Kit standard curve image

ARG80211 Mouse TGF beta 1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.