

ARG81567 Human TGFBR3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81567-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81567-002	Standard	2 X 10 ng/vial	4°C
ARG81567-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81567-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81567-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81567-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81567-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81567-008	25X Wash buffer	20 ml	4°C
ARG81567-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81567-010	STOP solution	10 ml (Ready to use)	4°C
ARG81567-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81567 Human TGFBR3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TGFBR3 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	TGF beta Receptor 3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.8% Inter-Assay CV: 7.3%
Alternate Names	TGF-beta receptor type 3; Transforming growth factor beta receptor type 3; BGCAN; Betaglycan; TGF-beta receptor type III; betaglycan; TGFR-3; Transforming growth factor beta receptor III

Application Instructions

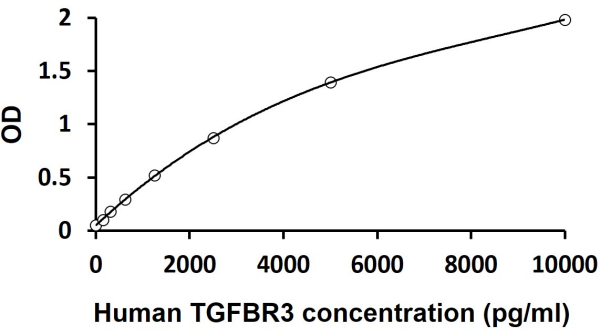
Assay Time	~ 5 hours
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Properties

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 receptor III
Background	This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFB3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010]
Function	Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors. [UniProt]
Highlight	Related products: TGF beta Receptor antibodies ; TGF beta Receptor ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Extensively modified by glycosaminoglycan groups (GAG). [UniProt]



ARG81567 Human TGFBR3 ELISA Kit standard curve image

ARG81567 Human TGFBR3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.