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Datasheet for ABIN2748659

TGFA ELISA Kit



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Overview

Quantity:

Target:	TGFA
Reactivity:	Pig
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Custom Porcine (pig) Transforming Growth Factor alpha (TGFA) ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes Porcine Transforming Growth Factor alpha (TGFA)
Characteristics:	 Strip plates and additional reagents allow for use in multiple experiments Quantitative protein detection Establishes normal range The best products for confirmation of antibody array data
Components:	 Pre-Coated 96-well Strip Microplate Wash Buffer Stop Solution Assay Diluent(s) Lyophilized Standard

Product Details

- Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 μL to 1 μL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- · Absorbent paper

TGFA

- · Microplate reader capable of measuring absorbance at 450nm
- · Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:

rarget.	TGFA
Alternative Name:	TGF alpha (TGFA Products)
Background:	Transforming Growth Factor alpha (TGFA)
Pathways:	NF-kappaB Signaling, RTK Signaling, EGFR Signaling Pathway
Application Details	
Sample Volume:	100 μL
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.
	2. Add 100 μL of standard or sample to each well.
	3. Incubate 2.5 h at RT or O/N at 4 °C.
	4. Add 100 μ L of prepared biotin antibody to each well.
	5. Incubate 1 h at RT.
	6. Add 100 μL of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 μL of TMB One-Step Substrate Reagent to each well.
	9. Incubate 30 min at RT.
	10. Add 50 μL of Stop Solution to each well.
	11. Read at 450 nm immediately.
Assay Procedure:	Prepare all reagents, samples and standards as instructed in the manual.Add 100 μL of
	standard or sample to each well.Incubate 2.5 h at RT or O/N at 4 $^{\circ}\text{C.Add}$ 100 μL of prepared
	biotin antibody to each well.Incubate 1 h at RT.Add 100 µL of prepared Streptavidin solution to

Application Details

	each well.Incubate 45 min at RT.Add 100 μ L of TMB One-Step Substrate Reagent to each well.Incubate 30 min at RT.Add 50 μ L of Stop Solution to each well.Read at 450 nm immediately.
Restrictions:	For Research Use only
Handling	
Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.
Expiry Date:	6 months