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Datasheet for ABIN6730326

Activin A Receptor Type IB/ALK-4 ELISA Kit



Overview

Quantity:	96 tests
Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details	
Purpose:	Mouse Activin RIB/ALK-4 ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Mouse Activin RIB.
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 Biotinylated Detection Antibody

Product Details

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

Target Details

Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Alternative Name:	Activin RIB (ALK-4 (ACVR1B Products)
UniProt:	Q61271

Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
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 μl 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.		
Restrictions:	For Research Use only		
Handling			
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.		

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Expiry Date:

6 months