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Datasheet for ABIN6730174

GFRA3 ELISA Kit



Overview

Quantity:	96 tests
Target:	GFRA3
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details		
Purpose:	Mouse GFR alpha-3/GDNF R alpha-3 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 GFR alpha-3.	
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:	GFRA3
Alternative Name:	GFR alpha-3 (GDNF R alpha-3 (GFRA3 Products)
UniProt:	035118

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