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Datasheet for ABIN6730601

CPA1 ELISA Kit



Overview

Quantity:	96 tests
Target:	CPA1
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details		
Purpose:	Mouse Carboxypeptidase A1/CPA1 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 Carboxypeptidase A1.	
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:	CPA1	
Alternative Name:	Carboxypeptidase A1 (CPA1 (CPA1 Products)	
UniProt:	Q7TPZ8	

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