antibodies -online.com





Datasheet for ABIN4881297

Amylin/DAP ELISA Kit



()	11/0	K\ /	iew
	\cup	'I V/I	$I \cap VV$

Quantity:	96 tests
Target:	Amylin/DAP (IAPP)
Reactivity:	Human, Mouse, Rat
Method Type:	Competition ELISA
Detection Range:	0.1-1.000 ng/mL
Minimum Detection Limit:	0.1 ng/mL
Application:	ELISA
Product Details	
Purpose:	Human/Mouse/Rat Amylin (IAPP) EIA Kit optimized for serum and cell culture medium. Competition-based ELISA on a 96-well strip plate.
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This EIA kit shows no cross-reactivity with any of the cytokines tested: Ghrelin, Nesfatin, Angiotensin II, NPY and APC.
Sensitivity:	0.62 ng/mL
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

Product Details

Components:

- · Pre-Coated 96-well Strip Microplate
- · Wash Buffer
- · Standard Peptide
- Assay Diluent(s)
- · Biotinylated Peptide
- · HRP-Streptavidin
- TMB One-Step Substrate
- · Stop Solution
- · Assay Diagram
- · Positive Control Sample
- · Capture Antibody
- User Manual

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 mL volumes
- Adjustable 1-25 mL pipettes for reagent preparation
- 100 mL and 1 liter graduated cylinders
- · Tubes to prepare standard and sample dilutions
- · Orbital shaker
- · Aluminum foil
- · Saran Wrap
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- SigmaPlot software (or other software that can perform four-parameter logistic regression models)

Target Details

Target:	Amylin/DAP (IAPP)	
Alternative Name:	Amylin (IAPP Products)	
Gene ID:	3375	
UniProt:	P10997	
Pathways:	Hormone Activity, Feeding Behaviour	

Application Details

Sample Volume:	100 μL
Plate:	Pre-coated Pre-coated
Protocol:	Prepare all reagents, samples and standards as instructed.

	2. Add 100 μL detection antibody to each well.	
	3. Incubate 1.5 h at RT or O/N at 4 °C.	
	4. Add 100 μL standard or sample to each well.	
	5. Incubate 2.5 h at RT.	
	6. Add 100 μL prepared streptavidin solution.	
	7. Incubate 45 min at RT.	
	8. Add 100 µL TMB One-Step Substrate Reagent to each well.	
	9. Incubate 30 min at RT.	
	10. Add 50 μL Stop Solution to each well.	
	11. Read plate at 450 nm immediately.	
Restrictions:	For Research Use only	
Handling		
Storage:	-20 °C	
Storage Comment:	Standard, Biotinylated Amylin peptide, and Positive Control should be stored at -20°C after	
	arrival. Avoid multiple freeze-thaws. The remaining kit components may be stored at 4°C.	
	Opened Microplate Wells and antibody (Item N) may be stored for up to 1 month at 2° to 8°C.	
	Return unused wells to the pouch containing desiccant pack and reseal along entire edge.	
Expiry Date:	6 months	