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Datasheet for ABIN2747953

Angiopoietin 1 ELISA Kit



Overview

Quantity:	96 tests
Target:	Angiopoietin 1 (ANGPT1)
Reactivity:	Human, Pig
Method Type:	Sandwich ELISA
Detection Range:	0.061-15 ng/mL
Minimum Detection Limit:	0.061 ng/mL
Application:	ELISA

Product Details

Product Details	
Purpose:	Porcine Angiopoietin-1 ELISA Kit for Serum, Plasma, and Cell Culture Supernatants.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Porcine Angiopoietin-1.
Sensitivity:	0.06 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
Components:	Pre-Coated 96-well Strip Microplate

Product Details

- · Wash Buffer
- · Stop Solution
- · Assay Diluent(s)
- · Lyophilized Standard
- · Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 μ L to 1 μ L 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:	Angiopoietin 1 (ANGPT1)
Alternative Name:	Angiopoietin-1 (ANGPT1 Products)
Background:	Angiopoietin 1 (ANGPT1)
UniProt:	Q9BDY8
Pathways:	RTK Signaling, Glycosaminoglycan Metabolic Process

Application Details

Application Details	
Application Notes:	Recommended Dilution for serum and plasma samples2 fold
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 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.

Application Details

	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
	each well.Incubate 45 min at RT.Add 100 μL of TMB One-Step Substrate Reagent to each
	well.Incubate 30 min at RT.Add 50 μL 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