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Datasheet for ABIN6951656

Prothrombin ELISA Kit



Overview

Quantity:	96 tests
Target:	Prothrombin (F2)
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details	
Purpose:	Human Coagulation Factor II/Thrombin ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
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 Streptavidin-Conjugated HRP TMB One-Step Substrate

Product Details

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:	Prothrombin (F2)
Alternative Name:	Coagulation Factor II (Thrombin (F2 Products)
Gene ID:	2147
UniProt:	P00734
Pathways:	Complement System, Peptide Hormone Metabolism, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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.
	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	
Expiry Date:	6 months