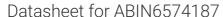
antibodies - online.com







Coagulation Factor V ELISA Kit

Images



Publication



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- Overview	
Quantity:	96 tests
Target:	Coagulation Factor V (F5)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	125 pg/mL - 8000 pg/mL
Minimum Detection Limit:	125 pg/mL
Application:	ELISA
Product Details	
Purpose:	The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of F5 in human plasma.
	We offer validation data (WB) for the kit components . So you can be sure to order a reliable ELISA kit product composed of high quality reagents.
Sample Type:	Plasma
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of Coagulation Factor V (F5)
Cross-Reactivity (Details):	No significant cross-reactivity or interference between Coagulation Factor V (F5) and analogues was observed.

Product Details

Sensitivity:	61 pg/mL
Components:	Pre-coated, ready to use 96-well strip plate, flat buttom
	Plate sealer for 96 wells
	Reference Standard
	Standard Diluent
	Detection Reagent A
	Detection Reagent B
	Assay Diluent A
	Assay Diluent B
	Reagent Diluent (if Detection Reagent is lyophilized)
	TMB Substrate
	Stop Solution
	Wash Buffer (30 x concentrate)
	Instruction manual

Target Details

Target:	Coagulation Factor V (F5)
Alternative Name:	Coagulation Factor V (F5 Products)
UniProt:	P12259

UniProt:	P12259	
Application Details		
Comment:	Information on standard material:	
	The standard might be recombinant protein or natural protein, that will depend on the specific	
	kit. Moreover, the expression system is E.coli or yeast or mammal cell. There is 0.05% proclin	
	300 in the standard as preservative.	
	Information on reagents:	
	The stop solution used in the kit is sulfuric acid with concentration of 1 mol/L. And the wash	
	solution is TBS. The standard diluent contains 0.02 % sodium azide, assay diluent A and assay	
	diluent B contain 0.01% sodium azide. Some kits can contain is BSA in them.	
	Information on antibodies:	
	The provided antibodies and their host vary in different kits.	
Sample Volume:	100 μL	
Assay Time:	3 h	

37°C, 1 hour at 37°C, t 37°C,
25 °C) before use. If the kit agents for present ed condition. I uent, keep for 10 minutes at a of the standard in the stock dard Diluent and produce a ransfer. Set up 7 points of 1,000pg/mL, 500pg/mL, andard Diluent is the blank as onstitute the Detection room temperature, shake in A and Detection B before by Diluent A and B, I with 580 mL of deionized sterilized tips and do not
t dissolve the reagents at
igent A and B according to Is are completely dissolved. and ensure that pipettors e pipetting. Reagent B can be used only

and mix gently until the crystals are completely dissolved.

5. If crystals have formed in the Wash Solution concentrate (30x), warm to room temperature

6. Contaminated water or container for reagent preparation will influence the detection result.

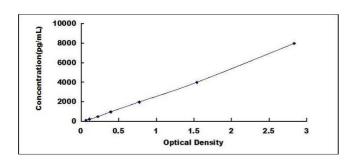
Application Details

are not in therange of the standard curve, the optimal sample dilution for the particular experiment has to be determined. Samples should then be diluted with PBS (pH = 7.0-7.2). Assay Precision: Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level of target were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level of target were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV < 10% Inter-Assay: CV < 12% Restrictions: For Research Use only Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, face, and clothing protection when using this material. Storage: 4 °C/-20 °C Storage Comment: 1. For unopened kit: All reagents should be stored according to the labels on the vials. The	Sample Preparation:	 It is recommended to use fresh samples without long storage, otherwise protein degradation and denaturationmay occur in these samples, leading to false results. Samples should therefore be stored for a short periodat 2 - 8 °C or aliquoted at -20 °C (≤1 month) or -80 °C (≤3 months). Repeated freeze-thawcycles should be avoided. Prior to assay, the frozen samples should be slowly thawed and centrifuged toremove precipitates. If the sample type is not specified in the instructions, a preliminary test is necessary to determinecompatibility with the kit. If a lysis buffer is used to prepare tissue homogenates or cell culture supernatant, there is a possibility of causing a deviation due to the introduced chemical substance. The recommended dilution factor is for reference only. Please estimate the concentration of the samples before performing the test. If the values
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Expiry Date: 6 months	Storage Comment:	Standard, Detection Reagent A, Detection Reagent B, and 96-well Strip Plate should be stored at -20 °C upon receipt, while the other reagents should be stored at 4 °C. 2. For opened kits: the remaining reagents must be stored according to the above storage conditions. In addition, please return the unused wells to the foil pouch containing the
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Product cited in:

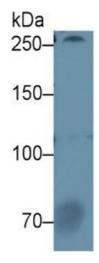
Rapic, Vangestel, Verhaeghe, Thomae, Pauwels, Van den Wyngaert, Staelens, Stroobants: "Evaluation of [(18)F]Fluorothymidine as a Biomarker for Early Therapy Response in a Mouse Model of Colorectal Cancer." in: **Molecular imaging and biology: MIB: the official publication of the Academy of Molecular Imaging**, (2016) (PubMed).

Images



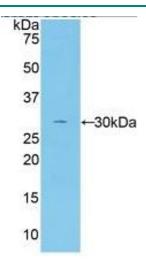
ELISA

Image 1. Typical standard curve



SDS-PAGE

Image 2. SDS-PAGE of Protein Standard from the Kit (Highly purified E. coli-expressed recombinant human F5).



Western Blotting

Image 3. Rabbit Capture antibody from the kit in WB with Positive Control: Sample Human serum.

Please check the product details page for more images. Overall 6 images are available for ABIN6574187.