# abcam

# Product datasheet

# Human Factor XI ELISA Kit ab108834

1 References 1 图像

概述

产品名称 人Factor XI ELISA试剂盒

检测方法 Colorimetric

精确度

样品	n	Mean	SD	CV%
Overall				4.9%

批次间

批次内

样品	n	Mean	SD	CV%
Overall				10%

样**品**类型 Serum, Plasma

检测类型 Sandwich (quantitative)

**灵敏度** 0.69 ng/ml

**范围** 1.563 ng/ml - 50 ng/ml

 回收率
 96 %

 检测时间
 4h 00m

实验步骤 Multiple steps standard assay

种属反应性 与反应: Human

产品概述 Abcam's Factor XI Human in vitro ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed

for the quantitative measurement of Factor XI levels in human plasma and serum samples.

A Factor XI specific antibody has been precoated onto 96-well plates and blocked. Standards or test samples are added to the wells and subsequently a Factor XI specific biotinylated detection antibody is added and then followed by washing with wash buffer. Streptavidin-Peroxidase Complex is added and unbound conjugates are washed away with wash buffer. TMB is then used to visualize Streptavidin-Peroxidase enzymatic reaction. TMB is catalyzed by Streptavidin-Peroxidase to produce a blue color product that changes into yellow after adding acidic stop solution. The density of yellow coloration is directly proportional to the amount of Factor XI captured in plate.

1

The entire kit may be stored at -20°C for long term storage before reconstitution - Avoid repeated freeze-thaw cycles.

平台 Microplate

#### 性能

**存放说明** Store at -20°C. Please refer to protocols.

组 <b>件</b>	1 x 96 tests
100X Streptavidin-Peroxidase Conjugate	1 x 80µl
10X Diluent M Concentrate	1 x 30ml
20X Wash Buffer Concentrate	2 x 30ml
50X Biotinylated Human Factor XI Antibody	1 x 120µl
Chromogen Substrate	1 x 7ml
Factor XI Microplate (12 x 8 well strips)	1 unit
Factor XI Standard	1 vial
Sealing Tapes	3 units
Stop Solution	1 x 11ml

功能 Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating

factor IX.

组织特异性 soform 2 is produced by platelets and megakaryocytes but absent from other blood cells.

疾病相关 Defects in F11 are the cause of factor XI deficiency (FA11D) [MIM:612416]; also known as

plasma thromboplastin antecedent deficiency or Rosenthal syndrome. It is a hemorrhagic disease characterized by reduced levels and activity of factor XI resulting in moderate bleeding symptoms, usually occurring after trauma or surgery. Patients usually do not present spontaneous bleeding

but women can present with menorrhagia. Hemorrhages are usually moderate.

序列相似性 Belongs to the peptidase S1 family. Plasma kallikrein subfamily.

Contains 4 apple domains.

Contains 1 peptidase S1 domain.

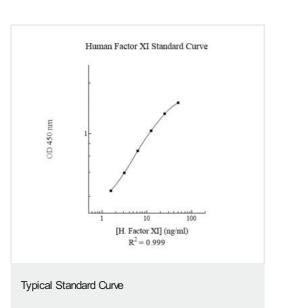
翻译后修饰 Activated by factor XIIa (or XII), which cleaves each polypeptide after Arg-387 into the light chain,

which contains the active site, and the heavy chain, which associates with high molecular weight

(HMW) kininogen.

细胞定位 Secreted.

## 图片



Representative Standard Curve using ab108834.

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