abcam

Product datasheet

Rat C Reactive Protein ELISA Kit (PTX1) ab108827

18 References 1 图像

概述

产品名称 大鼠C Reactive蛋白ELISA试剂盒(PTX1)

检**测方法** Colorimetric

精确度

样品	n	Mean	SD	CV%
Overall				3.4%

批次间

批次内

样品	n	Mean	SD	CV%
Overall				8.5%

样品类型 Cell culture supernatant, Urine, Serum, Plasma

3h 30m

检测类型 Sandwich (quantitative)

灵敏度 = 0.25 ng/ml

范围 0.391 ng/ml - 25 ng/ml

回收率 95 %

检测时间

实验**步**骤 Multiple steps standard assay

种属反应性 与反应: Rat

产品概述 Abcam's C Reactive Protein (PTX1) Rat in vitro ELISA (Enzyme-Linked Immunosorbent Assay)

kit is designed for the quantitative measurement of C Reactive Protein in urine, plasma, serum,

and cell culture supernatants.

A C Reactive Protein specific antibody has been precoated onto 96-well plates and blocked. Standards or test samples are added to the wells and subsequently a C Reactive Protein specific biotinylated detection antibody is added and then followed by washing with wash buffer. Streptavidin-Peroxidase Conjugate 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 C Reactive Protein captured in plate.

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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 件	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 Rat C Reactive Protein Antibody	1 x 120µl
C Reactive Protein Microplate (12 x 8 well strips)	1 unit
C Reactive Protein Standard	1 vial
Chromogen Substrate	1 x 7ml
Sealing Tapes	3 units
Stop Solution	1 x 11ml

功能 Displays several functions associated with host defense: it promotes agglutination, bacterial

capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material

released from damaged circulating cells.

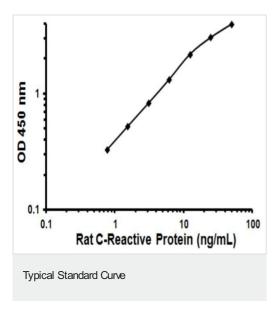
组织**特异性** Found in plasma.

序列相似性 Belongs to the pentaxin family.

Contains 1 pentaxin domain.

细胞定位 Secreted.

图片



Representative Standard Curve using ab108827.

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