abcam

Product datasheet

Human Anti-Candida albicans IgM ELISA Kit ab108716

画像数 1

製品の概要

製品名 Human Anti-Candida albicans IgM ELISA Kit

検出方法 Colorimetric

再現性

Intra-Assay（同時再現性）

サンプル	N	平均値	SD	CV%
Pos.Serum	6			4.5%

Inter-Assay（日差再現性）

サンプル	N	平均値	SD	CV%
Pos.Serum	38			5.1%

サンプルの種類 Serum, Hep Plasma, Cit plasma

アッセイタイプ Indirect

ステップ Multiple steps standard assay

種交差性 **交差種:** Human

製品の概要 Abcam's anti-Candida albicans IgM Human *in vitro* ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed for the accurate qualitative measurement of IgM class antibodies against Candida albicans in Human serum or plasma.

A 96-well plate has been precoated with Candida albicans antigens to bind cognate antibodies. Controls or test samples are added to the wells and incubated. Following washing, a horseradish peroxidase (HRP) labelled anti-Human IgM conjugate is added to the wells, which binds to the immobilized Candida albicans-specific antibodies. TMB is then catalyzed by the HRP to produce a blue color product that changes to yellow after adding an acidic stop solution. The density of yellow coloration is directly proportional to the amount of Candida albicans IgM sample captured in plate.

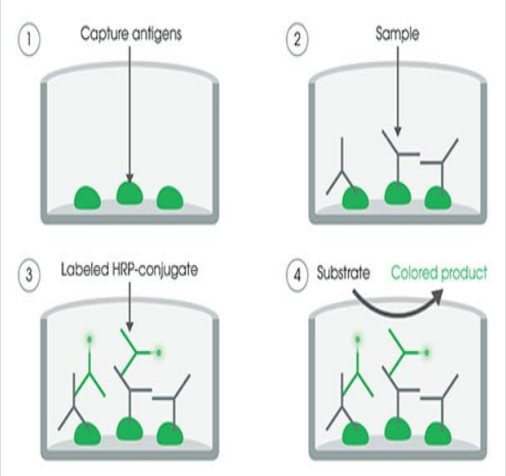
試験プラットフォーム Microplate

製品の特性

保存方法 Store at +4°C. Please refer to protocols.

内容	ラベル	1 x 96 tests
20X Washing Solution	White cap	1 x 50ml
Candida albicans (IgM) Coated Microplate (12 x 8 wells)		1 unit
Candida albicans anti-IgM HRP Conjugate	Red Bottle, Black Cap	1 x 20ml
Candida albicans IgM Cut-off Control	Yellow Bottle, Green Cap	1 x 3ml
Candida albicans IgM Negative Control	Yellow Bottle, Blue Cap	1 x 2ml
Candida albicans IgM Positive Control	Yellow Bottle, Red Cap	1 x 2ml
Foil Cover		1 unit
IgM Sample Diluent	Green Bottle, White Cap	1 x 100ml
Stop Solution	red cap	1 x 15ml
Strip Holder		1 unit
TMB Substrate Solution	Yellow cap	1 x 15ml

画像



Serologic ELISA assay principle

Specific antigens are coated on the 96-well plate, controls or test samples are added to the well and incubated. The wells are washed to remove any unbound Human anti-antigen antibodies (Ig). A horseradish peroxidase (HRP) labelled anti-Human Ig conjugate is added to the wells. TMB is then catalyzed by the HRP to produce a blue color product that changes to yellow after adding an acidic stop solution. The intensity of yellow coloration is directly proportional to the amount of Human anti-antigen Ig captured on the plate.

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