abcam

Product datasheet

Human Anti-Echinococcus IgG ELISA Kit ab108733

1 References 画像数 1

製品の概要

製品名 Human Anti-Echinococcus IgG 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	8			6.3%

Inter-Assay（日差再現性）

サンプル	N	平均値	SD	CV%
Pos.Serum	12			7.3%

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-Echinococcus IgG Human *in vitro* ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed for the accurate qualitative measurement of IgG class antibodies against Echinococcus in Human serum and plasma.

A 96-well plate has been precoated with Echinococcus 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 IgG conjugate is added to the wells, which binds to the immobilized Echinococcus-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 Echinococcus IgG sample captured in plate.

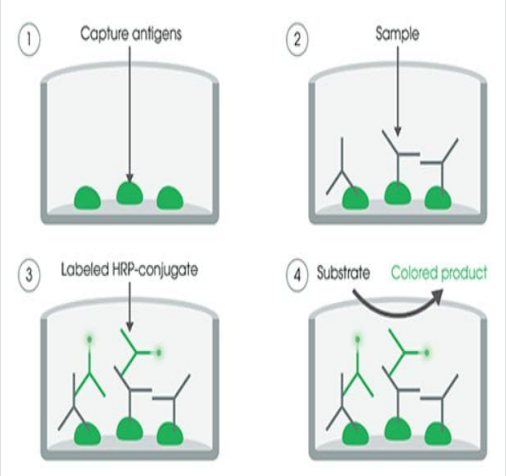
試験プラットフォーム Microplate

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
Cover foil		1 unit
Echinococcus (IgG) Coated Microplate (12 x 8 wells)	12 strips of 8 wells	1 unit
Echinococcus anti-IgG HRP Conjugate	colored blue; black cap	1 x 20ml
Echinococcus IgG Cut-off Control	colored yellow; green cap	1 x 3ml
Echinococcus IgG Negative Control	colored yellow; blue cap	1 x 2ml
Echinococcus IgG Positive Control	colored yellow; red cap	1 x 2ml
IgG Sample Diluent	colored yellow; 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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