abcam

Product datasheet

Human IgD ELISA Kit ab157708

画像数1

医薬用外毒物 医薬用外劇物

製品の概要

再現性

製品名 Human IgD ELISA Kit

検出方法 Colorimetric

| サンプル | N | 平均値 | SD | CV% |
|---------|---|-----|----|-------|
| Overall | | | | < 10% |

Inter-Assay(日差再現性)

Intra-Assay(同時再現性)

| サンプル | N | 平均値 | SD | CV% |
|---------|---|-----|----|-------|
| Overall | | | | < 10% |

サンプルの種類 Serum, Plasma, Other biological fluids

アッセイタイプ Sandwich (quantitative)

検出感度 4.4545 ng/ml

検出範囲 6.25 ng/ml - 400 ng/ml

添加回収試験 > 85 %

ステップ Multiple steps standard assay

種交差性 交差種: Human

製品の概要 Abcam's IgD Human ELISA kit is an in vitro enzyme-linked immunosorbent assay (ELISA) for the

quantitative measurement of IgD in Human samples.

In this assay the IgD present in samples reacts with the anti-IgD antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-lgD antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound IgD. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of IgD in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of IgD in the test sample. The quantity of IgD in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

製品の特性

保存方法

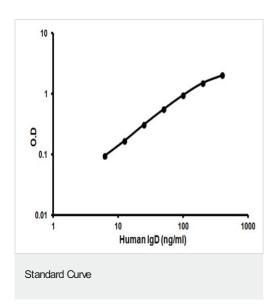
Store at +4°C. Please refer to protocols.

| 内容 | 1 x 96 tests |
|---|--------------|
| 100X HRP-conjugated anti-Human lgD antibody | 1 x 150µl |
| 20X Wash Buffer Concentrate | 1 x 50ml |
| 5X Diluent Concentrate | 1 x 50ml |
| Chromogen Substrate Solution | 1 x 12ml |
| Human lgD Calibrator (lyophilized) | 1 vial |
| Human IgD ELISA Microplate | 1 unit |
| Stop Solution | 1 x 12ml |

関連性

Little is known about the normal function of IgD, and few clinical signs or symptoms are associated with its absence. Individuals with low or absent levels of IgD do not appear unusually predisposed to infections. In mice, IgD may substitute for some functions of IgM when IgM is absent. IgD is expressed on peripheral B cells and is used as a pan B cell marker.

画像



Representative standard curve using ab157708 lgD Human ELISA Kit.

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