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Datasheet for ABIN5068222
IgG3 ELISA Kit

Overview

Quantity: 96 tests

Target: IgG3

Reactivity: Mouse

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Sample Type: Ascitic Fluid, Colostrum, Milk, Mucosa, Saliva, Tears

Detection Method: Colorimetric

Sensitivity: 25 ng/mL

Characteristics: IgG3, Mouse, ELISA Kit

- Components:
- Anti-Mouse IgG3 Microwell Strip Plate: 12X8-well strips
 - Mouse IgG3 Control: 1X0.65ml
 - Mouse IgG3 Standard (50ng/ml): 1X0.65ml
 - Mouse IgG3 Standard (100ng/ml): 1X0.65ml
 - Mouse IgG3 Standard (400ng/ml): 1X0.65ml
 - Mouse IgG3 Standard (400ng/ml): 1X0.65ml
 - Mouse IgG3 Standard (1000ng/ml): 1X0.65ml
 - Anti-Mouse IgG3 HRP Conjugate (100X): 1X0.15ml
 - Sample Diluent Concentrate (20X): 1X10ml
 - Wash Solution Concentrate (100X): 1X10ml
 - TMB Substrate: 1X12ml
 - Stop Solution: 1X12ml

Target Details

Target: IgG3

Abstract: [IgG3 Products](#)

Target Type: Antibody

Background: Immunoassays using heavy-chain specific antibodies provide for selective, sensitive quantification of mouse immunoglobulins IgG (and subclasses), IgA and IgM, as found circulating in blood or as present in other body fluids, including saliva, milk/colostrum, ascites, tears and mucosa of linings of the gut, respiratory or urigenital tracts.

Application Details

Protocol: Principle:

- The Mouse IgG3 ELISA kit is based on the binding of mouse IgG3 in samples to two antibodies, one immobilized on the microtiter wells, and the other conjugated to horseradish peroxidase (HRP) enzyme. After a washing step, chromogenic substrate is added and color is developed by the enzymatic reaction of HRP on the TMB substrate, which is directly proportional to the amount of IgG3 present in the sample. Stopping Solution is added to terminate the reaction, and absorbance at 450nm is then measured using an ELISA microtiter well reader. The concentration of IgG3 in samples and control is calculated from a curve of standards containing known concentrations of IgG3.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Storage Comment: 4°C