

Datasheet for ABIN5067962

IgA ELISA Kit

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Overview

Quantity:	96 tests
Target:	IgA
Reactivity:	Human
Application:	ELISA

Product Details

Purpose:	The Human IgA ELISA Kit is an in vitro immunoassay for research use in the quantification of human IgA circulating in serum or in other appropriately qualified samples from tissue fluids (e.g., saliva, mucosa), or in cultures of human cells.
Sample Type:	Cell Culture Cells, Serum, Saliva
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	20 ng/mL
Characteristics:	IgA, Human, ELISA Kit
Components:	• Coated Microwell Plate: 12x8-well strips • Human IgA Positive Control (ng/ml), 1x 650ul • Human IgA Standard 50ng/ml, 1x 650ul • Human IgA Standard 100ng/ml, 1x 650ul • Human IgA Standard 250ng/ml, 1x 650ul • Human IgA Standard 500ng/ml, 1x 650ul • Human IgA Standard 1000ng/ml, 1x 650ul • IgA (HRP) Conjugate, 100X, 1x 150ul • Sample Diluent, 20X, 1x10ml

Product Details

- Wash Solution, 100X, 1x10ml
- TMB Substrate: 1x12ml
- Stop Solution: 1x12ml

Target Details

Target: IgA

Abstract: [IgA Products](#)

Target Type: Antibody

Application Details

Protocol: Principle:

- The Human IgA ELISA kit is based on the binding of human IgA 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 IgA 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 IgA in samples and control is calculated from a curve of standards containing known concentrations of IgA.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Storage Comment: 4°C