

## Datasheet for ABIN1326839 **EBV VCA IgM ELISA Kit**



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### Overview

Quantity:	96 tests
Target:	EBV VCA IgM
Reactivity:	Human
Method Type:	Competition ELISA
Application:	ELISA

### Product Details

**Purpose:** Diluted patient serum (serum diluent contains sorbent to remove rheumatoid factor and human IgG interference) is added to wells coated with purified antigen. IgM specific antibody, if present, binds to the antigen. All unbound materials are washed away and the enzyme conjugate is added to bind to the antibody-antigen complex, if present. Excess enzyme conjugate is washed off and substrate is added. The plate is incubated to allow the hydrolysis of the substrate by the enzyme. The intensity of the color generated is proportional to the amount of IgM specific antibody in the sample.

Sample Type:	Serum
Analytical Method:	Qualitative
Detection Method:	Colorimetric

### Target Details

Target:	EBV VCA IgM
Alternative Name:	EBV-VCA IgM ( <a href="#">EBV VCA IgM Products</a> )

## Target Details

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Target Type: Antibody, Antibody

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Background: Epstein-Barr virus (EBV) is a herpes virus known to cause infectious mononucleosis (IM). EBV infection may demonstrate a wide spectrum of clinical symptoms. The majorities of primary EBV infections are transmitted via saliva, occur during childhood, and are sub-clinical. In the U.S., 50% of the population demonstrate EBV antibodies before the age of 5 years 80% by adulthood. Transfusion-associated EBV infections have also been reported. Epstein-Barr virus has also been associated in the pathogenesis of two human cancers, Burkitt's lymphoma and nasopharyngeal carcinoma. Burkitt's lymphoma is primarily observed in Sub-Sahara Africa, especially in African children, and in New Guinea. Nasopharyngeal carcinoma is observed in Asia, most notably in Southern China.

## Application Details

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Plate: Pre-coated

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C