



Memo to: Healthcare Personnel
 From: Alverno Clinical Laboratories, General Laboratory
 Subject: **New Test /Change: EBV Antibody Tests Starting June 2, 2009**

We are pleased to announce a new service for our healthcare providers. Starting June 2, 2009, we will be performing Epstein Barr Virus antibody tests on the Biorad Bioplex 2200. This is a multiplex flow immunoassay for the qualitative detection of the following antibodies:

Epstein Barr Viral Capsid IgM - IgM antibodies to VCA are normally present in acute infectious mononucleosis and generally absent in convalescence. Antibody levels tend to rise and peak after 3-4 weeks, then decline and usually dissipate after 2-3 months.

Epstein Barr Early Antigen Antibody - IgG antibodies to EA are frequently present in acute infectious mononucleosis and generally absent in convalescence. A rise may indicate acute infection, reactivation or chronic infection. The presence of antibodies in otherwise healthy individuals usually indicates reactivation, especially when paired with rising NA levels. Antibody levels tend to rise and peak after 3-4 weeks, then decline and usually dissipate after 6 months.

Epstein Barr Viral Capsid IgG - IgG antibodies to VCA are normally present in acute and convalescent infectious mononucleosis. Antibody levels tend to rise and peak after 3-4 weeks, then decline and usually persist for life.

Epstein Barr Nuclear Antibody - IgG antibodies to NA are rarely present in acute infectious mononucleosis and normally rise during convalescence. A rise may be indicative of progression from early to later stages of convalescence. Antibody levels will rise to a plateau level in three months to a year and will normally persist for life

SPECIMEN COLLECTION

Specimen sources: Serum

Specimen stability: 7 days refrigerated, >7 days frozen

Unacceptable Conditions: Hemolyzed

TEST	Soft Code	CPT
Epstein Barr Viral Capsid IgG	EBCAG	86665
Epstein Barr Viral Capsid IgM	EBCAM	86665
Epstein Barr Early Antigen Antibody	EBEAG	86663
Epstein Barr Nuclear Antibody	EBNAG	86664

*All tests may be ordered individually or as part of a panel.

EBGM (replaces EBVGM) includes: EBV Capsid IgG, & IgM
EBP3 (replaces EBP1) includes: EBV Capsid IgG & IgM, and Nuclear Antigen antibody
EBP4 (replaces EBPA) includes: EBV Capsid IgG & IgM, Nuclear and Early Antigen antibody

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