



EPSTEIN-BARR VIRUS VIRAL CAPSID - Test Code 3424



Turnaround Time: 5 business days



Specimen Type: 1x SST
Blood

Description

The Epstein-Barr Virus (EBV) Viral Capsid Antigen (VCA) test is a blood test used to identify antibodies produced by the immune system in response to EBV. EBV is the virus responsible for infectious mononucleosis and is also linked to certain cancers and autoimmune diseases. The viral capsid antigen test specifically detects antibodies to the protein that forms the virus's outer shell (capsid) (De Paschale & Clerici, 2012).

The viral capsid antigen IgM antibody typically appears within the first week after symptoms begin to manifest, indicating an acute or recent infection (De Paschale & Clerici, 2012). The viral capsid antigen IgG antibody emerges around the time of symptom onset and remains in the body for life providing long-term immunity against the virus (De Paschale & Clerici, 2012). Its presence signals either a current or past infection (De Paschale & Clerici, 2012).

This panel serves as an initial assessment and helps determine whether an EBV infection is recent, ongoing, or occurred in the past, providing essential information for diagnosis and management.

Whats included?

- Epstein Barr IgG Viral Capsid Antigen (VCA)
- Epstein Barr IgM Viral Capsid Antigen (VCA)

Conditions and Symptoms

- Autoimmune disorder
- Glandular fever
- EBV infection
- Fatigue
- Fever
- Sore throat
- Swollen lymph nodes
- Loss of appetite

Complementary Testing

- Adrenocortex Stress Profile Basic (Test code 1001)
- Epstein Barr Virus Nuclear Antigen (Test code 3425)
- Autoimmune Assessment Comprehensive (Test code 3431)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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