

Epstein-Barr Virus Antibody Panel

CPT Code: 86664, 86665 (x2)

Order Code: 1337

Includes: Epstein-Barr Virus VCA Antibody (IgM), Epstein-Barr Virus VCA Antibody (IgG), Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG)

ABN Requirement: No

Synonyms: EBV Panel

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.8 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

Serum:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Let tube stand in a vertical position to allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Transport: Store serum at 2-8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 4 days

Refrigerated (2-8°C): 7 days

Frozen (-20°C): 30 days

Deep Frozen (-70°C): 30 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Immunoassay (IA)

Turn Around Time: 4 days

Reference Range:

Epstein-Barr Virus VCA Antibody (IgM)	Units
<36.00 U/mL	Negative
36.00-43.99 U/mL	Equivocal
>43.99 U/mL	Positive

Epstein-Barr Virus VCA Antibody (IgG)	Units
<18.00 U/mL	Negative
18.00-21.99 U/mL	Equivocal
>21.99 U/mL	Positive

Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG)	Units
<18.00 U/mL	Negative
18.00-21.99 U/mL	Equivocal
>21.99 U/mL	Positive

Clinical Significance: Primary infection by Epstein-Barr Virus (EBV) causes infectious mononucleosis, usually a self-limiting disease in children and young adults. Infection with EBV can cause lymphoproliferative disorders including tumors. VCA-IgM is typically detectable at clinical presentation, then declines to undetectable levels within a month in young children and within 3 months in other individuals. VCA-IgG is typically detectable at clinical presentation, and persists for life. EBNA IgG typically appears during convalescence (3-4 months after clinical presentation) and remains detectable for life.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please

direct any questions regarding coding to the payer being billed.