

EBV (Epstein Barr Virus) Antibodies (EBVAB)

Source:

Cerba Lancet Africa

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TEST OVERVIEW

Test Name	EBV (Epstein Barr Virus) Antibodies
Test Code	EBVAB
Short Description	EBV (Epstein Barr Virus) Antibodies

OVERVIEW

Test Name	EBV (Epstein Barr Virus) Antibodies
Test Code	EBVAB
Category	Serology
TAT	Main Lab: 12, 10 Hour(s) Family Site: <12hrs, <6hrs
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

SPECIMEN(S)

SST-Serum Separator Tube

Specimen Type	SST-Serum Separator Tube
Specimen Format	Tube
Specimen Colour	Gold
Specimen Volume	5 mL
Sampling Order	2
Origin	Venous blood
Collection time after baseline	-
Transport Temperature	2-8°C
Accepted Other Specimens	Serum
TAT	Main Lab: 12, 10 Hour(s)

Test Stability

Family Site: <12hrs, <6hrs

Room Temp: 3 Hour(s)
2–8°C: 7 Day(s)**CLINICAL INFORMATION****Epstein Barr Viral Antibodies**

Methodology	-
Specimen Type	SST-Serum Separator Tube
Delay before pre-treatment	3
Transport Temperature	2-8°C
Transport Stability at room temp	3 Hours
Transport Stability at 2–8°C	7 Day
Haemolysis interference	No

Clinical Interest

The **Epstein-Barr Virus (EBV) antibody (Ab)** assay is a blood test used to detect antibodies against EBV, a common virus known for causing infectious mononucleosis and being associated with several types of cancer and autoimmune diseases.

It helps diagnose acute EBV infection, commonly known as mono. The presence of EBV-specific IgM antibodies suggests recent or current infection, while IgG antibodies indicate past infection or immunity.

Differentiation of EBV Infection Stages:

- Testing for various EBV antibodies (VCA-IgM, VCA-IgG, EA-D, and EBNA) helps determine the stage of infection. VCA-IgM is present in acute infections, VCA-IgG and EA-D are found in recent infections, and EBNA is found in past infections.

Assessment of Immune Status:

- Identifies individuals who have had a past EBV infection and are thus immune, which is useful in settings like blood and organ donation

PATIENT INFORMATION

Clinical Information Required	Infection signs Start date of clinical signs
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code	178-7, 49178-7
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Outwork

No