
Epstein-Barr Virus Early Antigen, IgG, Serum

Test ID: EAEBV

Useful for:

- Diagnosis of Epstein Barr virus (EBV) infectious mononucleosis in cases when heterophile antibody test results are negative and EBV-specific serologic testing is inconclusive
- Aiding in the diagnosis of type 2 or type 3 nasopharyngeal carcinoma (NPC)
- This test is **not useful for** screening patients for NPC.

Methods:

Enzyme-Linked Immunosorbent Assay (ELISA)

Reference Values:

Negative

Reference values apply to all ages.

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube, 5 mL (T914)
Preferred Collection Container:	Serum gel
Acceptable Collection Container:	Red top
Submission Container/Tube:	Plastic vial
Specimen Volume:	1 mL
Collection Instructions:	Centrifuge and aliquot serum into a plastic vial.
Minimum Volume:	0.4 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Frozen (preferred)	14 days
	Refrigerated	48 hours

Cautions

- This test detects both restricted (R) and diffuse (D) forms the Epstein Barr virus (EBV) early antigen. The test system is not designed to differentiate between antibodies to the R and D components.
- False negative results may occur in immunosuppressed patients.
- The performance characteristics of this assay have not been established for Burkitt's Lymphoma, nasopharyngeal carcinoma, and lymphoproliferative disorders.
- The performance has been established for the aid in the diagnosis of EBV-associated infectious mononucleosis.

CPT Code:

86663

Day(s) Performed: Monday through Friday

Report Available: Same day/1 to 3 days

Questions

Contact Dunisha Messmer, Laboratory Resource Coordinator at 800-533-1710.