

# Epstein-Barr Virus Nuclear Antigen (EBNA) Antibody (IgG)

**CPT Code:** 86664

**Order Code:** C1391

**ABN Requirement:** No

**Synonyms:** EBV Nuclear Antigen Antibody, EBV Past Infection, EBV NA

**Specimen:** Serum

**Volume:** 1.0 mL

**Minimum Volume:** 0.5 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 included with the provided shipping box.

## Stability:

**Ambient (15-25°C):** 4 days

**Refrigerated (2-8°C):** 7 days

**Frozen (-20°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:** 3-4 days

**Reference Range:**

U/mL	Interpretation
<18.00	Negative
18.00-21.99	Equivocal
>21.99	Positive

**Clinical Significance:** Primary infection by EBV causes infectious mononucleosis, usually a self-limiting disease in children and young adults. Infection with EBV can cause lymphoproliferative disorders including tumors. EBNA IgG typically appears during convalescence (3-4 months after clinical presentation) and remains detectable for life. VCA-IgM positivity in the absence of EBNA IgG suggests recent, active infection.

*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.*