

Hepatitis B Surface Antibody, Quantitative

CPT Code: 86317

Order Code: C2554

ABN Requirement: No

Synonyms: Anti-HBS Quantitation

Specimen: Serum or EDTA Plasma

Volume: 2.0 mL

Minimum Volume: 0.5 mL

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

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.

EDTA Plasma:

1. Draw and gently invert 8 to 10 times.
2. Centrifuge for 10 minutes.
3. Pre-squeeze transfer pipet bulb and draw off approximately 2/3 of the upper plasma layer.
Note: This ensures that the buffy coat and red cells remain undisturbed.
4. Aliquot plasma into labeled transport tube and cap tightly. Discard original tube.
5. Store transport tube refrigerated at 2-8°C until ready to ship.

Transport: Store serum or plasma 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): 24 hours

Refrigerated (2-8°C): 6 days

Frozen (-20°C): 14 days

Deep Frozen (-70°C): 14 days

Causes for Rejection: Specimens other than serum or EDTA plasma; improper labeling; samples not stored properly; samples older than stability limits; heat-inactivated samples; pooled samples; grossly hemolyzed samples; obvious microbial contamination

Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)

Turn Around Time: 2-3 days

Reference Range:

Use: To assess adequacy of recent or remote immune response to HBV infection or vaccination.

Clinical Significance: Hepatitis B Surface Antibody results ≥ 12 mIU/L implies immunity or exposure to Hepatitis B virus.

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.