

Growth Hormone (GH)

CPT Code: 83003

Order Code: 521

ABN Requirement: No

Alternative Name(s): Human Growth Hormone (hGH), HGH, GH

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. Do not shake.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Patient Preparation: Random Growth Hormone collection should be performed on fasting patients who have rested for at least 30 minutes before collection.

Administration of STRENSIQ may interfere in certain assays and may falsely elevate values. For patients receiving STRENSIQ, consideration should be given to alternate methods.

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

Stability:

Ambient (15-25°C): 7 days

Refrigerated (2-8°C): 14 days

Frozen (-20°C): 28 days

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

Methodology: Immunoassay (IA)

Turn Around Time: 2 to 3 days

Reference Ranges:

Adult	≤ 7.1 ng/mL
Children (<20 Years)	≤ 10.1 ng/mL

Clinical Significance: Measurement of GH is primarily of interest in the diagnosis and treatment of various forms of inappropriate growth hormone secretion. Growth hormone measurements in children are used in the evaluation of short stature and help differentiate low GH production from other sources of growth failure. Stimulation and suppression tests are often more meaningful than random measurements.

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.