

Pregnenolone, LC/MS

CPT Code: 84140

Order Code: 31493

ABN Requirement: No

Specimen: Serum from Red Top tube only

Volume: 0.5 mL

Minimum Volume: 0.2 mL

Container: Red Top (no gel barrier) tube

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 10 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes at room temperature.
4. Centrifuge for 10 minutes.
5. Aliquot serum into transport tube labeled as "Red Top Serum" and cap tightly. Discard original tube.

Special Instructions: Collect blood in a Vacutainer® with no additives. Allow blood to clot (30 minutes) at room temperature, 18-25° C. Centrifuge and separate the serum from the cells. Freeze as soon as possible.

Transport: Store serum frozen at -20°C after collection and ship on dry ice per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): Unacceptable

Refrigerated (2-8°C): 72 hours

Frozen (-20°C): 14 days

Deep Frozen (-70°C): 30 days

Causes for Rejection: Gross hemolysis; Serum separator tube (SST)

Method: Chromatography/Mass Spectrometry

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separate the serum from the cells. Freeze as soon as possible.

Turn Around Time: 2-6 days

Reference Range:

Age	ng/dL
1 day-59 days	68-1303
60 days-1 year	≤219
2-6 years	≤140
7-9 years	≤156
10-12 years	15-220
13-17 years	12-196
≥18 years (Adult)	22-237

Clinical Significance: A pregnenolone test can be used as an ancillary test for the diagnosis of congenital adrenal hyperplasia, and to confirm a diagnosis of 3-beta-hydroxy dehydrogenase deficiency.

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.