

Southern Nevada Public Health Laboratory
TEST MENU

Carbon Dioxide (CO₂)

Method	Abbott Alinity c-series PEP Carboxylase method.
CPT Code	82374
Specimen	Serum – Required Volume: 2-4 mL Minimum specimen volume: 1mL
Collect in	Serum Separator Tube (SST)
Labeling	Label with patient's full name, date of birth, collection date, and time.
Processing	Processing Serum: Allow blood to completely clot (usually within 30 minutes). Serum may be centrifuged at the speed and time recommended by the manufacturer.
Transport	Store and transport refrigerated (2-8°C) within 3 days. Keep tube tightly capped for storage.
Sample Rejection	- Mislabeled/unlabeled specimen - Specimen quantity not sufficient for testing (QNS)
Requisition	SNPHL Request Forms
Turn Around Time	24-48 Hours
Results	Reference Range: Adult: 22 to 29 mmol/L
Reported	System generated fax; Electronic transmission
Limitations	CO ₂ value decreases once the specimen has been exposed to ambient air.
Contact	Southern Nevada Public Health Laboratory – Clinical Laboratory Department