
Lab Dept: Chemistry

Test Name: PROCAINAMIDE AND NAPA LEVELS

General Information

Lab Order Codes: PRNP

Synonyms: n-acetylprocainamide, Pronestyl®, Procan-Sr®

CPT Codes: 80190 – Procainamide
80192 – Procainamide; with metabolites (NAPA)

Test Includes: Procainamide, n-acetylprocainamide, and procainamide/n-acetylprocainamide combined levels all reported in mcg/mL.

Logistics

Test Indications: Monitoring therapy, assessing compliance, evaluating toxicity. Procainamide is indicated in the treatment of premature ventricular contractions, ventricular tachycardia, atrial defibrillation, and paroxysmal atrial tachycardia.

Lab Testing Sections: Chemistry - Sendouts

Referred to: Mayo Medical Laboratories (Test: PROCG)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day; test set up daily

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red) tube

Draw Volume: 1.5 mL (Minimum: 0.75 mL) blood

Processed Volume: 0.5 mL (Minimum 0.25 mL) serum

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Specimen must be centrifuged within 2 hours of collection. Store and ship at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Gross hemolysis, mislabeled or unlabeled specimens

Interpretive

Reference Range:	Test:	Mayo Reference values (mcg/mL):
	Procainamide:	4.0 – 10.0 mcg/mL
	NAPA (n-acetylprocainamide):	12.0 – 18.0 mcg/mL
	Procainamide and NAPA:	Not listed
Critical Values:	Procainamide:	>12.0 mcg/mL
	Procainamide and NAPA:	Not listed
	NAPA (n-acetylprocainamide):	>or= 40.0 mcg/mL
Limitations:	Procainamide:	Not listed
	NAPA:	Not listed

Methodology: Immunoassay, includes a separate determination for NAPA

References: [Mayo Medical Laboratories Web Page](#) May 2015

Updates:
 10/27/2009: Plasma samples are no longer accepted.
 10/25/2012: Updated reference ranges and critical values at MML.
 12/23/2014: Medtox is no longer able to provide stat service, testing now referred out of state. MedTox information removed
 6/26/2015: Ref range update.
 1/27/2016: CPT update
 12/14/2017: Collection container update.