Lab Dept: Chemistry

Test Name: DIAZEPAM AND NORDIAZEPAM LEVELS

General Information

Lab Order Codes:	DINOR
Synonyms:	Benzodiazepines; Clorazepate Dipotassium; Tranxene; Valium
CPT Codes:	80154 – Benzodiazepines OR G0480 – Drug, test, definitive (if appropriate)
Test Includes:	Concentration of Diazepam and Nordiazepam, total of both reported in ng/mL.

Logistics

Test Indications:	Assessing compliance, monitoring for appropriate therapeutic level, assessing toxicity.
Lab Testing Sections:	Chemistry - Sendouts
Referred to:	Mayo Medical Laboratories (MML Test: DIA)
Phone Numbers:	MIN Lab: 612-813-6280 STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	2 – 7 days, performed once per week (Thursdays 9AM)
Special Instructions:	N/A

Specimen

Specimen Type:	Blood
Container:	Red top tube
Draw Volume:	1.5 mL (Minimum: mL) blood

Processed Volume: 0.5 mL (Minimum: mL) serum

Note: Submission of the minimum volume does not allow for repeat analysis and may result in a QNS (quantity not sufficient) test result.

Collection: Routine venipuncture

Special Processing: Lab staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship refrigerated temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Specimens other than serum; mislabeled or unlabeled specimens

Interpretive

Reference Range:

Therapeutic concentration:	
Diazepam & Nordiazepam, Total:	200 – 2500 ng/mL
This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. This test has not been cleared or approved by the US Food and Drug Administration.	

Critical Values: N/A

Limitations: N/A

Methodology: High-Pressure Liquid Chromatography (HPLC)

References: Mayo Medical Laboratories (October 2014)

Updates: 4/6/2004: Test moved from MedTox Laboratories, Inc. to Mayo Medical Laboratories. Test formerly named: Tranxene.
1/13/2009: Min. volume amended.
5/4/2010: Transport temperature changed from ambient to refrigerated.
7/12/2010: Units updated from ug/mL to mcg/mL.
8/6/2015: Method and units change, previously listed as mcg/mL.
2/4/2016: CPT update.