Lab Dept: Chemistry
Test Name: CLOMIPRAMINE LEVEL

General Information

Lab Order Codes: CLOM

Synonyms: Anafranil®; Desmethylclomipramine

CPT Codes: 80335 – Antidepressants, tricyclic and other cyclical; 1 or 2
OR
G0480 – Drug, test, definitive (if appropriate)

Test Includes: Clomipramine and Desmethylclomipramine concentration measured in ng/mL.

Logistics

Test Indications: Useful for determining whether a poor therapeutic response is attributable to noncompliance. Monitoring serum concentration of clomipramine and norclomipramine to assist in optimizing the administered dose.

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (MedTox Test: 890)

Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 3 – 5 days

Special Instructions: No Gel tubes required.

Specimen

Specimen Type: Blood

Container: Red top (NO GEL) tube or Green top (Lithium heparin NO GEL) tube

Draw Volume: 6 mL (Minimum: 0.6 mL) blood

Processed Volume: 2 mL (Minimum: 0.2 mL) serum/plasma
Collection: Routine venipuncture

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

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

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<td><strong>Reference Range:</strong></td>
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<td>Clomipramine:</td>
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<td>Desmethylclomipramine:</td>
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| **Critical Values:** |
| Clomipramine: | Critical high: 400 ng/mL |
| Desmethylclomipramine: | Critical high: 600 ng/mL |

Limitations: Trough levels are most reproducible.

Methodology: Liquid chromatography/Tandem Mass Spectrometry (LC/MS/MS)

References: MedTox Laboratories (November 2017)

10/11/04: CPT change from 82491 to 80299. Minimum volume changed from 1.2 to 1.1 mL.
3/14/2012: Test moved from Mayo Medical Laboratories to MedTox. Note ref range, CPT and method changes.
2/1/2016: CPT update