



University of Colorado Hospital

ANSCHUTZ MEDICAL CAMPUS

Test Update

Tricyclic Antidepressant Screen (TCA SCN)

The University of Colorado Hospital Clinical Laboratory will no longer provide testing for serum Total Tricyclic Antidepressants. The manufacturer discontinued support of the current method.

If there is suspicion of accidental ingestion, the Tricyclic Antidepressant Screening (TCA SCN) is available. Urine samples testing above the following cutoff values listed below will be reported as: "Presumptive Positive. If further confirmation or identification is clinically indicated, please call the clinical laboratory at 720-848-6940 to request the sample be sent out to our reference lab."

Samples with indeterminate results are repeated. If upon repeat testing the results remain indeterminate it will be reported as "Indeterminate. Please call the clinical laboratory at 720-848-6940 if further testing is necessary. The sample will be sent out to our reference lab upon request."

Test Mnemonic: **TCA SCN**
Methodology: Immunochromatographic
Specimen Required: Urine
Minimum volume: 15 mL
TCA SCN Cut off values/level of detection:
Desipramine, 300 ng/mL
Amitriptyline, 500 ng/mL
Nortriptyline, 500 ng/mL
Imipramine, 125 ng/mL
Reportable Range: Negative, Presumptive Positive, Indeterminate
Reference Range: NA
CPT Code: 80100

Please call Mary Ellen Boyle, Chief Technologist at 720-848-7067 if you have any questions or visit our website at <http://www.uch.edu/for-healthcare-professional/Clinical-Laboratory/index.aspx> for additional information.

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Clinical Laboratory
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