MAYO CLINIC
Mayo Medical Laboratories

Test Definition: TRICY

Tricyclic Antidepressant Screen, Serum

Reporting Title: Tricyclic Antidepressant Scrn, S
Performing Location: New England

Specimen Requirements:

Container/Tube: Red top
Specimen Volume: 2 mL
Additional Information: Serum must be separated from cells within 2 hours of draw.

Specimen Type	Temperature	Time
Serum Red	Refrigerated (preferred)	14 days
	Ambient	14 days
	Frozen	14 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
7925	Amitriptyline	Numeric	ng/mL	3333-2
7926	Nortriptyline	Numeric	ng/mL	3872-9
7927	Amitriptyline and Nortriptyline	Numeric	ng/mL	3335-7
7928	Imipramine	Numeric	ng/mL	3690-5
7929	Desipramine	Numeric	ng/mL	3531-1
7930	Imipramine and Desipramine	Numeric	ng/mL	9627-1
7931	Doxepin	Numeric	ng/mL	3579-0
7932	Nordoxepin	Numeric	ng/mL	3862-0
7933	Doxepin and Nordoxepin	Numeric	ng/mL	3582-4

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Nortriptyline	1	80182		
Billing only	Imipramine	1	80174		
Billing only	Doxepin	1	80166		

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Desepramine	1	80160		
Billing only	Amitriptyline	1	80152		

Reference Values:

AMITRIPTYLINE AND NORTRIPTYLINE
Therapeutic concentration: 80-200 ng/mL
Toxic concentration: > or =300 ng/mL

NORTRIPTYLINE
Therapeutic concentration: 70-170 ng/mL
Toxic concentration: > or =300 ng/mL

IMIPRAMINE AND DESIPRAMINE
Therapeutic concentration: 175-300 ng/mL
Toxic concentration: > or =300 ng/mL

DESIPRAMINE
Therapeutic concentration: 100-300 ng/mL
Toxic concentration: > or =300 ng/mL

DOXEPIN AND NORDOXEPIN
Therapeutic concentration: 50-150 ng/mL
Toxic concentration: > or =300 ng/mL