NMS Labs
3701 Welsh Road, PO Box 433A, Willow Grove, PA 19090-0437
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

CONFIDENTIAL

Demo Report

Report Issued 07/11/2016 10:10
Last Report Issued 02/18/2016 10:05

88888
Clinical Example Report
Attn: IT Department
3701 Welsh Road
Willow Grove, PA 19090

Patient Name 9431SP
Patient ID 9431SP
Chain 16000257
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 16000257

Received 02/18/2016 09:50

Sample ID 16000257-001
Matrix Serum or Plasma
Patient Name 9431SP
Patient ID 9431SP
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes
9431SP Antidepressants Screen, Serum/Plasma				
Analysis by Gas Chromatography (GC)				
Amitriptyline	None Detected	ng/mL	10	
Synonym(s): Endep®; Elavil®; Endep®; Endep®				
Nortriptyline	None Detected	ng/mL	10	
Synonym(s): Amitriptyline Metabolite; Aventyl®; Pamelor®				
Nortriptyline is a metabolite of Amitriptyline and is also available as an independent therapeutic agent. When Amitriptyline is the administered drug: Usual therapeutic range for the total of Amitriptyline plus Nortriptyline: 80 - 250 ng/mL. When Nortriptyline is the administered drug: Usual therapeutic range: 50 - 150 ng/mL.				
Clomipramine	None Detected	ng/mL	10	
Synonym(s): Anafranil®				
Desmethylclomipramine	None Detected	ng/mL	10	
Synonym(s): Clomipramine Metabolite				

Results for sample 16000257-001 are continued on next page

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Patient ID 9431SP

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
The plasma concentrations of Clomipramine and metabolite vary widely between patients. The suggested antidepressant range for the sum of Clomipramine plus Desmethylclomipramine: 200 - 500 ng/mL plasma.				
Imipramine	None Detected	ng/mL	10	
Synonym(s): Tofranil®				
Desipramine	None Detected	ng/mL	10	
Synonym(s): Imipramine Metabolite; Norpramin®; Pertofrane®				
Desipramine is a metabolite of Imipramine and is also available as an independent therapeutic agent. When Imipramine is the administered drug: Usual therapeutic range for the total of Imipramine plus Desipramine: 150 - 400 ng/mL. When Desipramine is the administered drug: Usual therapeutic range in outpatients on 100 to 200 mg Desipramine/day: 40 - 250 ng/mL.				
Doxepin	None Detected	ng/mL	10	
Synonym(s): Sinequan®				
Patients on an average antidepressant dose of 113 mg Doxepin/day: 5 - 115 ng Doxepin/mL.				
Desmethyldoxepin	None Detected	ng/mL	10	
Synonym(s): Doxepin Metabolite				
Patients on an average antidepressant dose of 113 mg Doxepin/day: 0 - 80 ng Desmethyldoxepin/mL.				
Trimipramine	None Detected	ng/mL	10	
Synonym(s): Surmontil®				
Observed levels during chronic oral antidepressant doses of 75 to 150 mg/day: 10 - 240 ng/mL.				
Desmethyltrimipramine	None Detected	ng/mL	10	
Synonym(s): Trimipramine Metabolite				
Observed concentrations during chronic antidepressant doses of 75 - 150 mg/day: 3 - 380 ng Desmethyltrimipramine/mL.				
Fluoxetine	None Detected	ng/mL	10	
Synonym(s): Prozac®				

Results for sample 16000257-001 are continued on next page

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Patient Name 9431SP
Patient ID 9431SP

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Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Daily therapy with 40 mg Fluoxetine/day: Steady-state concentration at 4 to 8 hours after dosing ranges from 91 - 302 ng/mL serum.				
Norfluoxetine	None Detected	ng/mL	10	
Synonym(s): Fluoxetine Metabolite				
Daily therapy with 40 mg Fluoxetine/day: Steady-state concentration at 4 to 8 hours after dosing ranges from 72 - 258 ng/mL serum.				
Protriptyline	None Detected	ng/mL	10	
Synonym(s): Vivactil®				
Usual antidepressant range: 70 - 250 ng/mL.				
Substance(s) known to interfere with the identity and/or quantity of the reported result: Norcyclobenzaprine (Cyclobenzaprine metabolite) and Desmethylsertraline (Sertraline metabolite).				
Maprotiline	None Detected	ng/mL	10	
Synonym(s): Ludiomil®				
Following daily oral doses of 50, 100, and 150 mg, the steady-state mean blood concentrations were 70, 140, and 220 ng/mL respectively.				
Trazodone	None Detected	mcg/mL	0.10	
Synonym(s): Desyrel®				
Therapeutic range: 0.3 - 1.5 mcg/mL.				
Amoxapine	None Detected	ng/mL	50	
Synonym(s): Asendin®				
Reported serum concentrations following a 300 mg daily regimen ranged from 17 - 93 ng/mL.				
Mirtazapine	None Detected	ng/mL	5.0	
Synonym(s): Remeron®				

Results for sample 16000257-001 are continued on next page

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Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Steady-state peak (0.7 to 4.8 hours post-dose) and trough plasma concentrations following a daily regimen: 15 mg/day: 27 - 51 ng/mL peak; 4.3 - 12 ng/mL trough 30 mg/day: 56 - 104 ng/mL peak; 11 - 25 ng/mL trough 45 mg/day: 84 - 142 ng/mL peak; 17 - 39 ng/mL trough 60 mg/day: 117 - 199 ng/mL peak; 24 - 52 ng/mL trough 75 mg/day: 137 - 225 ng/mL peak; 28 - 64 ng/mL trough Elimination half-life: 20 to 40 hours.				