

APPLICATION SHEET - Beckman Coulter DxC 700 AU

Psychiatry Olanzapine Assay Kit

Reagent Catalog No: C82915

Olanzapine

Configure assay parameters - Test Name Parameters > Test Name

Test Item			Reagent	Alarm	Multi-Reagent	Remarks
No.	Name	Long Name	ID	Shots	Switch	
# (e.g. 21)	# (e.g. OLZ)	# (e.g. Olanzapine)	245	# (e.g. 32)	#	#

Configure assay parameters - Test Volume and Methods > General

General	LIH	ISE	Calculated Test	Range
Test Name OLZ ▼ Type Serum ▼ Operation Yes ▼				
Sample Volume 2 μL Pre-Dilution Rate 1 ▼ Reagent Volume 100 μL R1-2 μL R2 (R2-1) 50 μL Common Reagent Type None Wavelength Pri 600 ▼ nm Method END1 ▼ Reaction Slope + ▼ Measuring Point-1 1st 12 Measuring Point-2 1st Linearity Limit % Lag Time Check No ▼	Dilution 0 ▼ μL Dilution 0 μL Dilution 0 μL Name None Sec None ▼ nm Last 23 Last	OD Limit Reagent OD Limit 1 st Low -2 High 3 Last Low -2 High 3 Analytical Measuring Range Low 22 High 114 Correlation Factor A 1 B 0 Manufacturer Factor A 1 B 0	Min. OD -2 Max OD 3 Onboard Stability Period 90 Day 0 Hour LIH Influence Check No ▼ Lipemia + ▼ Icterus + ▼ Hemolysis + ▼	

Configure assay parameters - Specific Test Parameters > Rerun Test Parameters

Test Volume and Methods	Rerun Test Parameters	Rerun Check Parameters
Test Name OLZ ▼ Type Serum ▼		
Normal Rerun Sample Volume 2.0 ▼ uL Dilution 0 ▼ uL Pre-Dilution Rate 1 ▼	Rerun Decision Limits Low -9999999 High 9999999 Reflex Limits Low -9999999 High 9999999	
Rerun with diluent Sample Volume 2.0 ▼ uL Dilution 0 ▼ uL Pre-Dilution Rate 3 ▼	Analytical Measuring Range Error Rerun Operation Yes ▼ If "No" is selected, concentration values are reported despite the "Suppress Results" option being selected in CONFIG > Sample Program Format > Analytical Measuring Range Error Option	
Rerun with concentration Sample Volume 1.0 ▼ uL Dilution 0 ▼ uL Pre-Dilution Rate 1 ▼		

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Configure assay parameters -Test Volume and Methods > Range

General		LIH		ISE		Calculated Test		Range	
Test Name OLZ ▼		Type Serum ▼		Operation Yes ▼					
Value/Flag #		Level Low		#		High #			
Specific Ranges									
	Sex	Year	Month	Year	Month	Other Type	Low	High	
☐ 1:	# ▼	#	#	#	#	None	#	#	
☐ 2:	# ▼	#	#	#	#	None	#	#	
☐ 3:	# ▼	#	#	#	#	None	#	#	
☐ 4:	# ▼	#	#	#	#	None	#	#	
☐ 5:	# ▼	#	#	#	#	None	#	#	
☐ 6:	# ▼	#	#	#	#	None	#	#	
7: Standard demographics							#	#	
8: Not within expected values							#	#	
Critical Limits		Low #	High #	Unit ng/mL		Select	Decimal Places	0	

User Defined

Configure assay parameters - Calibration > Calibration Setup

Calibrators		General		ISE			
Test Name: OLZ ▼		Type: Serum ▼					
☐ Use Serum Cal.							
Calibration Type 5AB ▼		Formula EIA Type2 ▼		Counts 2 ▼			
<Calibrator Parameters>						Slope Check None ▼	
	Calibrator	OD	Conc*	Range			
				Low	High		
Point-1	# ▼		0	-2	3	Allowable Range Check	
Point-2	# ▼		30	-2	3	☐ Reagent Blank 	
Point-3	# ▼		43	-2	3	☐ Calibration 	
Point-4	# ▼		71	-2	3	Advanced Calibration	
Point-5	# ▼		114	-2	3	Operation No ▼	
Point-6	# ▼					Interval (RB) ▼	
Point-7	# ▼					Interval (ACAL) ▼	
MB Type Factor 		1-Point Calibration Point None ▼		☐ with Conc-0			
Stability							
Reagent Blank			Day		Hour		
Calibration		35	Day	0	Hour		

User Defined

* Psychiatry Calibrator Kit 2 Cat. No. C82911

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Olanzapine

Configure assay parameters - Quality Control > QC Setup

Controls	Check	Preset	Cumulative
Test Name OLZ ▼			
Single Check Level ☐ 1SD ☒ 2SD ☐ 3SD ☐ 4SD Multi Check Level ☐ 12s ☐ 13s ☐ 22s ☐ R4s ☐ 41s ☐ Nx $\bar{x}$ ☐ Trend Check QC Mode ☐ Off ☒ Preset ☐ Cumulative			

Configure assay parameters - Quality Control > QC Setup

Controls	Check	Preset	Cumulative																																																																		
Test Name: OLZ ▼		Type: Serum ▼																																																																			
<table border="1"> <thead> <tr> <th>Level</th> <th>Control**</th> <th>Multi/Single</th> <th>Mean</th> <th>SD</th> <th>Range</th> </tr> </thead> <tbody> <tr><td>1</td><td>Low ▼</td><td>Single ▼</td><td>50</td><td>4.5</td><td>18</td></tr> <tr><td>2</td><td>Med ▼</td><td>Single ▼</td><td>105</td><td>4.75</td><td>19</td></tr> <tr><td>3</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>4</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>5</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>6</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>7</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>8</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>9</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> <tr><td>10</td><td>None ▼</td><td>▼</td><td></td><td></td><td></td></tr> </tbody> </table>				Level	Control**	Multi/Single	Mean	SD	Range	1	Low ▼	Single ▼	50	4.5	18	2	Med ▼	Single ▼	105	4.75	19	3	None ▼	▼				4	None ▼	▼				5	None ▼	▼				6	None ▼	▼				7	None ▼	▼				8	None ▼	▼				9	None ▼	▼				10	None ▼	▼			
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User Defined

*Psychiatry Calibrator Kit 2 Cat. No. C82911

**Psychiatry Control Kit 2 Cat. No. C82912

For technical assistance:**Contact the Customer Technical Support Center at 1-800-854-3633 (USA & Canada).****In other countries, please contact your local Beckman Coulter representative.**

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