



Procalcitonin Assay Application Data Sheet

Beckman DxC 700 AU Parameters Temperature 37°C

Use the following parameters with calibrator 2310-601 for calibration.

Specific Test Parameters					
Test Name:	PCT	Type:	Serum	Operation:	Yes
Sample:	Volume 14.0 µL	Dilution	0 µL	Pre-Dilution Rate:	1
Reagents:	R1 volume 90 µL	Dilution	0 µL	Min OD:	-2.0000
	R2 volume 30 µL	Dilution	10 µL	Max OD:	3.0000
Wavelength:	Pri. 600	Sec.	None	Reagent OD Limit:	
Method:	FIXED1			First L:	-2.0000
Reaction Slope:	+			First H:	3.0000
Measuring Point 1:	First 14;	Last 23		Last L:	-2.0000
Measuring Point 2:	First	Last		Last H:	3.0000
Linearity Limit:	%			Dynamic Range:	
Lag Time Check:				L:	0.20
				H:	52
				Correlation Factor:	
				A:	1.000000
				B:	0.000000
				Onboard Stability Period:	28 Day
Calibration Setup					
Test Name:	PCT	Type:	Serum	Slope Check:	None
Calibration Type:	6AB	Formula:	Polygonal	Counts:	2
	Cal No.	OD	CONC	OD Range	
				Low	High
Point 1:	*		0.02	-2.0000	3.0000
Point 2:	*		.*	-2.0000	3.0000
Point 3:	*		.*	-2.0000	3.0000
Point 4:	*		.*	-2.0000	3.0000
Point 5:	*		.*	-2.0000	3.0000
Point 6:	*		.*	-2.0000	3.0000
1-Point Cal. Point:	None			Advanced Calibration:	No
MB Type Factor:	N/A			Calibration Stability Period:	*

*value input by operator

Additional Notes:

PCT assay is linear in the range of 0.20-52 ng/mL. Results below or above the dynamic range of 0.20-52 ng/mL are flagged appropriately by analyzer. Results below 0.20 ng/mL should be reported as < 0.20 ng/mL, samples with values greater than 52 ng/mL should be diluted 1:4 with 0.9% saline and rerun. Multiply results by dilution factor 5.

Reconstituted calibrators/controls are stable for 7 days at 2-8°C; 3 months at -20°C.

Extra wash steps following PCT runs are not necessary beyond routine maintenance washes required by analyzer. Refer to analyzer user guide for details.