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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
Reagents: R1 volume 90 µL Dilution 0 µL
R2 volume 30 µL Dilution 10 µL
Wavelength: Pri. 600 Sec. None
Method: FIXED1
Reaction Slope: +
Measuring Point 1: First 14; Last 23
Measuring Point 2: First Last
Linearity Limit: %
Lag Time Check:

Pre-Dilution Rate: 1
Min OD: -2.0000 Max OD: 3.0000

Reagent OD Limit:
First L: -2.0000 First H: 3.0000
Last L: -2.0000 Last H: 3.0000
Dynamic Range:
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
Calibration Type: 6AB Formula: Polygonal Counts: 2 Slope Check: None

	Cal No.	OD	CONC	OD Range Low	OD Range 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
MB Type Factor: N/A
Advanced Calibration: No
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.

Customers should be aware that this protocol has not
been validated by EKF Diagnostics or the instrument manufacturer.