EKF Diagnostics
1261 North Main Street
Boerne, TX 78006
USA

USA Toll-Free Tel: 1-800-531-5535
Tel: (830) 249-0772

www.ekfusa.com

Procalcitonin (PCT) Assay

Application Data Sheet

Olympus AU400 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 20 µL Dilution 0 µL Pre-Dilution Rate: 1
Reagents: R1 volume 180 µL Dilution 0 µL Min OD Max OD
R2 volume 60 µL Dilution 20 µL L: -2.00 H: 2.500
Reagent OD Limit:
Wavelength: Pri. 600 Sec. None First L: -2.0000 First H: 2.5000
Method: FIXED1 Last L: -2.0000 Last H: 2.5000
Reaction Slope: + Dynamic Range:
Measuring Point 1: First 13; Last 19 L: 0.20 H: 52.0
Measuring Point 2: First Last Correlation Factor:
Linearity: 0% A: 1.000000 B: 0.000000
No-Lag-Time: No Onboard stability Period:*

Calibration Specific

Test Name: PCT Type: Serum
Calibration Type: 6AB Formula: POLYGONAL Counts: 2 Process: Conc

	Cal No.	OD	CONC	Factor/OD-L	Factor/ODH
Point 1:	*		0.02	-2.00000	2.5000
Point 2:	*		*.*	-2.00000	2.5000
Point 3:	*		*.*	-2.00000	2.5000
Point 4:	*		*.*	-2.00000	2.5000
Point 5:	*		*.*	-2.00000	2.5000
Point 6:	*		*.*	-2.00000	2.5000

1-Point Cal. Point: N/A Advanced Calibration: No
MB Type Factor: N/A Calibration Stability Period: *

* Value input by operator

It is strongly recommended to include a special wash with 0.2 M HCl as CLN-1 or CLN-2 for this test to prevent contamination: Parameters → Special → Contamination Parameters → Set → Edit:

Preceding Test Name	Reagent Type	Following Test Name	Reagent Probe Cleaner	Reagent Type	Wash Count	Cancel	Mixer	Cuvette
PCT	R1	(ALL)	CLN-1	R1	1	No	No	Yes
PCT	R1	(ALL)	CLN-1	R2	1	No	No	Yes
PCT	R2	(ALL)	CLN-1	R1	1	No	No	Yes
PCT	R2	(ALL)	CLN-1	R2	1	No	No	Yes

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