



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
Wavelength: Pri. 600 Sec. None				Reagent OD Limit:	
Method: FIXED1				First L: -2.0000	First H: 2.5000
Reaction Slope: +				Last L: -2.0000	Last H: 2.5000
Measuring Point 1: First 13; Last 19				Dynamic Range:	
Measuring Point 2: First Last				L: 0.20	H: 52.0
Linearity: 0%				Correlation Factor:	
No-Lag-Time: No				A: 1.000000	B: 0.000000
				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