



Procalcitonin Assay
Application Data Sheet

Beckman AU5800 Parameters
Temperature 37°C

Use the following parameters with calibrator 2310-601 for calibration

Table containing Specific Test Parameters and Calibration Specific data. Includes fields for Test Name, Sample, Reagents, Wavelength, Method, Reaction Slope, Measuring Point, Linearity Limit, Lag Time Check, Calibration Type, Formula, Counts, Process, and a table of calibration points with Cal No., OD, CONC, and OD Range/High/Low values.

* 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.

To prevent contamination of PCT by the Preceding Tests listed below, Wash Solution Cat. No. OSR0001 must be used and the following settings must be entered in Menu List > Parameters > Misc. > Contamination Parameters > Contamination Prevention:



AU5800 Contamination Avoidance Parameters							
No.	Preceding Test Name	Following Test Name	Reagent Probe Cleaner	Wash Count	Effective of Water Cleaning	Same Use**	
						Mixer	Cuvette
1	GENT OSR6420 ^a	PCT	CLN 100%*	1	No	Yes	Yes
2	TOBR 100018 ^b	PCT	CLN 100%*	2	No	Yes	Yes
3	PHB OSR6413 ^a	PCT	CLN 100%*	2	No	Yes	No
4	VPA OSR6415 ^a	PCT	CLN 100%*	3	No	Yes	No

*CLN OSR0001, replenish on a daily basis or as required.

**Certain instruments use column label "Prevent Use". In such case, the settings must still be programed as shown in this table.

^aBeckman Coulter Catalog Number

^bThermo Fisher Catalog Number

Alternatively, PCT must be evaluated on a different cuvette wheel than the Preceding Tests listed above.