EKF Diagnostics
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USA

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Procalcitonin (PCT) Immunoassay

Application Data Sheet

Architect c8000 Parameters

Temperature 37°C

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

General Parameters

Name: PCT
Type: Photometric
Assay number: *
Assay Availability: Enabled
Assay version:

Reaction Definition

Reaction mode: End Up
Main read time: 27-27
Primary wavelength: 604
Flex read time:
Secondary wavelength: None
Color correction read time: 0 - 0
Last read required: 27
Blank read time: 19-19
Sample blank type: Self
Blank assay:

Reagent / Sample

Reagent: PCT
R1 reagent volume: 108
R2 reagent volume: 36
R1 water volume: 0
R2 water volume: 0
R1 dispense mode: Type 1
R2 dispense mode: Type 1
Diluent name:
Diluent dispense mode: Type 0

Dilution name	Sample volume	Diluted sample volume	Diluent volume	Water volume	Dilution factor
STANDARD	16.8	0.0	0	0	1 :1.00

Validity checks

Reaction check type: None
Read time A range:
Read time B range:
Calculation limit:
Minimum absorbance:
Rate linearity %:
Maximum absorbance variation:

Calibration parameters

Calibration method: Spline
Use cal factor from:
Factor:
Full interval hours: *
Adjustment interval hours: 0
Adjustment type: None
Adjustment level:
Expected cal factor:
Default ordering type: Full
Expected cal factor tolerance %: 99
Blank absorbance range: -9.9999-9.9999
Span: Blank
Span absorbance range: 0.0001-9.9999
Maximum curve fit: 0.0
Calibrator set name: PCT
Replicates: 2

Cal level	Concentration	Sample volume	Diluted sample volume	Diluent volume	Water volume
PCT Cal L0	0.00	16.8	0.0	0	0
PCT Cal L1	*.**	16.8	0.0	0	0
PCT Cal L2	*.**	16.8	0.0	0	0
PCT Cal L3	*.**	16.8	0.0	0	0

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

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PCT Cal L4	*.**	16.8	0.0	0	0
PCT Cal L5	*.**	16.8	0.0	0	0

Smart wash

Component	Reagent/Assay	Wash	Volume	Replicates	Wash protocol
Sample Probe		Detergent A			Wash optimal
Rgt 1 Probe	All	10 % Detergent B	345	1	
Rgt 2 Probe	All	10 % Detergent B	345	1	

Results parameters

Linearity range: 0.2 – 52.0 ng/mL
Flag range specifications:

Gender	Age	Normal Range	Extreme range
Male	0 - 130 years	0.00-0.50 ng/ml	

Interpretation parameters

Result units

Result concentration units: ng/mL
Result decimal places: 2

Correlation factor: 1.0000
Intercept: 0.0000

*Value input by operator

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