Central Laboratory

Procalcitonin LiquiColor® Test*

Liquid Stable Assay

Identify sepsis earlier

- Procalcitonin (PCT) is a marker for bacterial infection and sepsis
- The PCT marker aids in differentiating between viral and bacterial infections

Stanbio's LiquiColor® PCT Test

- **Fast** - 10 minute on-board analysis time
- **Accurate** - Correlates well to the established method
- **Cost-effective** - Immunoturbidimetric assay
- Runs on most chemistry analyzers without the requirement for dedicated instrumentation
- Reagent kit, calibrator and controls offered separately

*Not for sale in USA, Germany, Austria, France, Italy and Spain.

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Procalcitonin LiquiColor® Test

Method	• Latex enhanced immunoturbidimetric
On-board stability**	• Four weeks
Calibration interval**	• Two weeks on Hitachi 917
Correlation	• N = 41 • R2 = 0.9815 • Slope = 0.9141 • Y-intercept = -0.3137
Calibration levels	• 6-point calibration
Linearity	• 0.17 – 50 ng/mL
Sample type	• Serum • EDTA plasma • Lithium heparin plasma
Sample size	• 20 uL

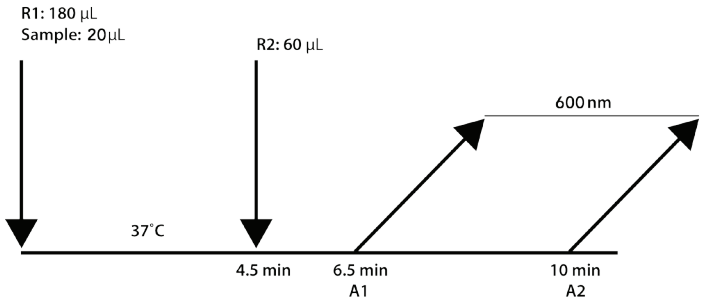
Convenient

- Liquid-stable format
- Minimal sample of only 20 uL needed
- No need for dedicated instrumentation

Precise

Three samples containing Procalcitonin were tested on a Hitachi® 917 in one run with 20 replicates.
Within-run precision is listed below:

Assay Method



**Analyzer Dependent

Parameter questions for Procalcitonin (PCT) Assay should be addressed to Stanbio Laboratory technical support.
Call 001 830 249 0772 or email lab@stanbio.com

Analytical Characteristics
Within-Run Precision

	LEVEL 1	LEVEL 2	LEVEL 3
NUMBER OF DATA POINTS	20	20	20
MEAN (NG/ML)	0.50	2.14	13.13
SD (NG/ML)	0.036	0.069	0.353
CV (%)	7.2%	3.2%	2.7%

ORDERING INFORMATION	REFERENCE NUMBER	CONTENTS
PCT LIQUICOLOR® REAGENT	2300-060	R1: 1 x 45 mL R2: 1 x 15 mL
CONTROLS	2320-203	(2 x 3 mL) vial
CALIBRATOR SET	2310-601	(6 x 1 mL) vial

Distributed by

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