



Fluoro-Check™ PCT

Time resolved fluorescence immunoassay for the quantitative determination of PCT level in human blood, serum, or plasma specimen



The Fluoro-Check™ PCT test is a time resolved fluorescence immunoassay for the quantitative determination of PCT (Procalcitonin) level in human whole blood, serum, or plasma specimens for patients who may have systemic or severe bacterial infection including bacterial pneumonia and bacterial meningitis.

Product Specification

- One-Step quantitative assay in conjunction with Fluoro-Checker™ TRF Reader
- Catalog Number: ND-TF3161
- Measuring Range: 0.07 ng/mL – 30 ng/mL
- Reference Value: 0.5 ng/mL
- Sample Volume: 10 µL of serum or plasma, or 20 µL of whole blood (finger prick)
- Storage Condition: Room temperature (2-30 °C)
- Shelf-Life: 12 months at storage condition
- Turn Around Time: 15 minutes



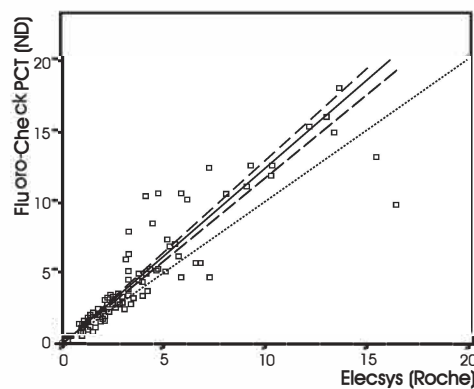
LoB, LoD and LoQ

- ✓ LoB = 0.025 ng/mL
- ✓ LoD = 0.07 ng/mL
- ✓ LoQ = 0.07 ng/mL

Precision

Mean	Within run CV	Total CV
0.76 ng/mL	9.0%	9.9%
2.32 ng/mL	10.7%	11.2%
5.58 ng/mL	13.3%	13.4%

Method comparison



- ✓ Sample size (n) = 125
- ✓ Regression: $y = 1.236x - 0.046$
- ✓ Correlation: $\rho = 0.970$