

Procalcitonin and C-peptide Change in Normal Ranges

APPLIES TO BOTH CAMPUSES

- Starting **June 25th, 2026**, testing for **Procalcitonin (LAB7082)** and **C-peptide (LAB521)** will be performed on a new testing platform
- The new testing has the same sensitivity and specificity, but a slightly different normal range compared to the prior testing
- The interpretation guidance for Procalcitonin has also been updated

Procalcitonin

Current

Procalcitonin
5/20/2025 08:00 (Collected) | Blood, Venous

>100.00 ▲ ng/mL

Ref range: <0.10 ng/mL
Resulting Lab: SUNY UPSTATE MEDICAL UNIVERSITY PATHOLOGY LABORATORY

☒ < 0.25 ng/mL Bacterial infection unlikely, particularly lower respiratory tract infections.

0.25 -<0.50 ng/mL Low risk for progression to severe sepsis/septic shock. Localized infection is possible. Measurement done early (<6 hours) after systemic process starts may still be low.

0.50 - 2.00 ng/mL Moderate risk for progression to sepsis/septic shock.

> 2.00 ng/mL High risk for progression to sepsis/septic shock.

New

Procalcitonin
6/17 09:44 (Collected) | Blood, Venous

>100.00 ▲ ng/mL

Ref range: <0.10 ng/mL
Resulting Lab: SUNY UPSTATE MEDICAL UNIVERSITY PATHOLOGY LABORATORY

☒ ≥ 0.5 to < 2 Systemic infection (sepsis) is possible. Moderate risk for progression to severe systemic infection (severe sepsis). The patient should be closely monitored both clinically and by re-assessing PCT within 6-24 hours.

≥ 2 to < 10 Systemic infection (sepsis) is likely, unless other causes are known. High risk for progression to severe systemic infection (severe sepsis).

≥ 10 Important systemic inflammatory response, almost exclusively due to severe bacterial sepsis or septic shock. High likelihood of severe sepsis or septic shock.

C-peptide

Current

C Peptide
5/28 08:39 (Collected) | Blood, Venous

2.2 ng/mL

Ref range: 0.8 - 5.2 ng/mL
Resulting Lab: SUNY UPSTATE MEDICAL UNIVERSITY PATHOLOGY LABORATORY

New

C Peptide
6/5/2026 10:50 | Blood, Venous

1.58 ng/mL

Ref range: 1.10-4.40 ng/mL

☒ This value is not yet verified. (U Unreleased)

Related Results	Ref Range & Units	
C Peptide	1.10-4.40 ng/mL	1.58 ^U

Contact the Core Laboratory for further information: 315-464-4459