

Memo no.: 2023-055
Date: 30-Nov-2023
Memo to: Clients
Re: *Procalcitonin*

Procalcitonin (PCT) is a biomarker for early detection of systemic bacterial infection. In 2017 the US FDA approved PCT for initiating or discontinuing antibiotics in lower respiratory tract infections and discontinuing antibiotics in patients with sepsis. Studies have demonstrated that PCT-guided antibiotic treatment in conjunction with clinical judgement can reduce treatment duration without adverse outcomes. Antimicrobial Stewardship programs at many institutions are working with ICU, ED and pediatric clinicians to develop local PCT testing guidelines.

ICL offers [Procalcitonin, Serum/Plasma](#) service at St. Michael's Hospital, Toronto. Results are usually available within 24 hours of receipt at ICL and within 2 hours of receipt at the testing lab.

Pricing for Procalcitonin testing at ICL

The price for procalcitonin analysis through ICL has been **significantly reduced** to be less than typical in-house testing costs and should allow for improved access to this important biomarker.

Please contact Client Care at 416-422-3000 ext. 300 or info@iclabs.ca for more information.

References

- [U.S. Food & Drug. FDA clears test to help manage antibiotic treatment for lower respiratory tract infections and sepsis.](#) [Accessed 29-Nov-2023].
 - [AACC Guidance Document on the Clinical Use of Procalcitonin.](#) [Accessed 29-Nov-2023].
 - [Procalcitonin Stat Pearls](#) [Accessed 29-Nov-2023].
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If you have further questions, please contact Client Care at 416-422-3000 ext. 300 or info@iclabs.ca

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