

May 2015



## PRODUCT ANNOUNCEMENT

### AU Clinical Chemistry Systems AU480, AU680, AU2700, and AU5800 Gentian Cystatin C Immunoassay Reagent Kit

**REF** B08179

Dear Beckman Coulter AU Customer,

We are pleased to announce release of the Gentian Cystatin C Immunoassay for use on AU clinical chemistry analyzers. The recommended acronym is CYSX.

Cystatin C is a non-glycosylated basic protein produced at a constant rate in nearly every nucleated cell of the human body<sup>1</sup>. It is freely filtered through the normal glomerular membrane and almost completely reabsorbed and catabolized in the proximal tubules<sup>2,3</sup>. The Cystatin C concentration has not been shown to be significantly influenced by muscular mass, inflammatory diseases, sex, age, or diet<sup>2,3</sup>. These properties make it a marker of Glomerular Filtration Rate (GFR) with advantages compared to the widely used measurement of creatinine<sup>2,3,4</sup>.

Features of Gentian Cystatin C include:

- **Liquid, ready to use reagent, calibrators, and controls**
- Particle enhanced turbidimetric immunoassay
- Standardized against the international calibrator standard ERM-DA471/IFCC
- Imprecision <10.0% CV (Total Imprecision)
- Measuring range of 0.4 to 8.0 mg/L
- Specific Contamination Avoidance Parameters are not required

Ordering Information:

Reagent/Calibrator/Control	REF	Configuration	Analyzer	Tests/Vial	Tests/Kit
Gentian Cystatin C Reagent Kit	B08179	R1: 1x58 mL R2: 1x10 mL	AU480, AU680, AU2700, AU5800	300	
Gentian Cystatin C Calibrator Kit	A52763	6x1 mL	All	-	-
Gentian Cystatin C Control Kit	A52765	2x1 mL		-	-
Package Insert, Application Notes, Safety Data Sheet (SDS)	available for viewing, printing, or download at: <a href="http://gentian.no/products/beckman-coulter-customers/">http://gentian.no/products/beckman-coulter-customers/</a>				

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If you have any questions, please contact the Beckman Coulter Technical Support Center at 1-800-854-3633 from the United States and Canada, or your local Beckman Coulter Representative. Thank you for your continued support of Beckman Coulter products.

Sincerely,



Eric Lavold  
Product Management  
Chemistry Systems

### References

- 1 Abrahamson M, Olafsson I, Palsdottir A, Ulvsbäck M, Lundwall Å, Jensson O, Grubb A: Structure and expression of the human cystatin C gene. *Biochem J* 1990;268:287-294.
- 2 Laterza OF, Price CP, Scott MG: Cystatin C: An Improved Estimator of Glomerular Filtration Rate?. *Clin Chem* 2002;48:699-707.
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- 4 Shilpak M, Mattes M, Peralta C: Update on Cystatin C: Incorporation Into Clinical Practice. *Am J Kidney Dis* 2013; 62(3):595-603.

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