



# MEMORANDUM

To: All Regional Medical Laboratory, Inc. (RML) Clients

From: Regional Medical Laboratory, Inc.  
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Caitlin Schein, MD, Chief of Chemistry and LCMS  
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Date: July 3, 2019

**Subject: Addition of Estimated GFR to Cystatin C Test**

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**Regional Medical Laboratory is pleased to announce an enhancement to our Cystatin C test through the addition of the Estimated Glomerular Filtration Rate (eGFR).**

Estimation of the glomerular filtration rate is important for monitoring kidney function and for diagnosis and management of chronic kidney disease. The most commonly used method for estimating glomerular filtration is based on the concentration of serum creatinine. Serum creatinine concentration is subject to certain limitations and can be decreased in patients with vegetarian diet, malnutrition, muscle wasting, or amputation, thus leading to a falsely high eGFR. **Cystatin C is another serum marker that can be used to estimate the glomerular filtration rate, either on its own or in combination with creatinine.** Serum Cystatin C is a low-molecular weight protein that is a member of the cystatin superfamily of cysteine protease inhibitors and is believed to be produced by all nucleated cells. It is less influenced by muscle mass and other external factors such as diet, making it a useful and accurate filtration marker.

**Effective 7/3/2019, each Cystatin C ordered on patients >18 years of age will reflex an Estimated Glomerular Filtration Rate (eGFR) order.** The eGFR is a calculation and will not result in added CPT codes or increased cost. The eGFR test details are included in the table below.

TEST NAME	REFLEX TEST NAME	TEST MNEUMONIC	TEST NUMBER	CPT CODE
Cystatin C		CYSTATIN C	3623775	82610
	.Cystatin C Estimated GFR	.Cystatin C eGFR	3623778	N/A

For questions, concerns or additional information, please contact Dr. Caitlin Schein at 918-744-2553 x14499, Dr. Gerald Miller at 918-744-2553 x15543 or Sonya Bruening at 918-744-2500 x18213.