

# TECHNICAL SERVICE BULLETIN 2025-006



**Date Issued:** Sep 16, 2025

**Subject:** VALIDATE<sup>®</sup> UC4 (704ro) Design change

**Explanation:**

We are pleased to announce that VALIDATE<sup>®</sup> UC4 (704ro) is now offering Urine Cortisol (CORT) in Set 2 along with Urine Calcium (CA), Urine Creatinine (CREA), Urine Magnesium (MG), and Urine Phosphorus (PHOS) in Set 1 for easy, fast, efficient calibration verification and linearity testing.

Please see the chart below for the typical coverage of VALIDATE<sup>®</sup> UC4 (704ro)

Analyte	Units	Analyzer Range	VALIDATE Range	Percent Coverage
<b>Set 1</b>				
CA	mg/dL	0.8 – 30.1	1.2 – 30	1.4% – 99.7%
CREA	mg/dL	1.1 – 610	2.9 – 590	0.3% – 97%
MG	mg/dL	1.36 – 26.7	2.3 – 25.4	3.7% – 95%
PHOS	mg/dL	3.4 – 285	4.6 – 272	0.45 – 95%
<b>Set 2</b>				
CORT III (USA)	µg/dL	*0.725 – 18.1	*0.4 – 18.5	-2% – 102%
CORT III (Ex-US)	µg/dL	0.272 – 18.1	0.4 – 18.5	0.7% – 102%

\*We will be optimizing the Level 1 typical value to better fit the USA measuring range in future lots. In the meantime, if you are recovering < 0.725 µg/dL for Level 1 and need a numeric result we recommend performing an admixture using 9-parts Level 1 with 1-part Level 2 to recover a value within the AMR.

Please contact LGC Maine Standards Technical Support if you have any questions at 1-800-377-9684.

**Contact Information:** Technical Support Department  
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