

NEW: New Urinalysis Instrumentation with Updated Reference Ranges

Who this message is for:

NewYork-Presbyterian Hospital/Weill Cornell Medical Center Healthcare Providers and Clients.

What this message is about:

Urinalysis testing at the NYP/Weill Cornell Clinical Laboratory will be transitioned over to new instrumentation.

Why this information is important:

This message is important for clinicians who order urinalysis testing. No collection or ordering requirements have changed. There is no change in the WBC threshold used in the Urine Culture workup Panel (aka Routine Urinalysis + Reflex Urine Culture).

Notable changes to result reporting include: 1) The semi-quantitative grading for bacteria, epithelial cells, crystals, and mucus will now be reported as “none/negative, rare, occasional, few, moderate, or many” (previously “none/negative, occasional, few, moderate, many, or marked”). 2) Several reference intervals have changed and are reflected below. Other reference intervals remain the same and can be found in the test menu (<https://www.testmenu.com/nyphweillcornell>).

Urinalysis, Macroscopic:

	New Reference Interval (Effective 7/1/2025)	Prior Reference Interval
UA Color	Yellow	Straw
UA Specific Gravity	1.005-1.029	1.005-1.030

Urinalysis, Microscopic:

	New Reference Interval (Effective 7/1/2025)	Prior Reference Interval
UA RBC	0-2/HPF	0-4/HPF
UA Squam Epithelial	None	0-5/HPF
UA Hyaline Cast	None	0-3/HPF

For any general questions:

Please direct any general questions regarding urinalysis testing to the New York-Presbyterian/Weill Cornell Medical Center Central Laboratory at (212)746-2660 (Option #1). Additional questions regarding testing methodologies may be directed to Dr. Sabrina Racine-Brzostek, Associate Director of the Central Laboratory at srb9029@med.cornell.edu.