



New Urinalysis Platform: Sysmex UN-Series

Offering our clients state-of-the-art testing is part of CPL's ongoing commitment to excellence.

Effective March 15, 2021, Clinical Pathology Laboratories (CPL) will be transitioning to a new urinalysis platform. The Sysmex UN-Series is an integrated urinalysis solution used for the in vitro analysis of human urine. The series is designed to perform urine sediment testing by utilizing the Siemens CLINITEK Novus Automated Urine Chemistry Analyzer, UF-5000™ Automated Urine Particle Analyzer, the UD-10™ Automated Urine Particle Digital Imaging Device, and Urinalysis Data Manager (UDM™).

Operational improvements of this system include flow cytometry analysis of both formed and cellular elements to provide an additional screening tool for operators and a STAT/Manual Mode option that reduces the minimum required specimen volume from 7 mL to 4 mL.

Reflex criteria from urine chemistry to sediment analysis will include (additional charges will apply):

- Positive BLOOD
- APPEARANCE is anything except clear
- Positive LEUKOCYTE ESTERASE
- Positive NITRITE
- Positive PROTEIN

Patient final report changes going forward will include:

- NONE SEEN to be reported for hyaline casts and bacteria when no particles are present upon analysis
- Reporting units for crystals and casts to be removed from the report to streamline report interpretation for clinicians

Under most circumstances, clinically relevant crystal reporting in urines is performed through qualitative analysis and reported as such. This modification aligns testing at CPL with widely-accepted clinical industry standards.

Unit code methodology statements will be updated accordingly in the test catalog to include relevant instrument descriptions.

Please contact your Account Representative should you have any questions regarding the changes described above.

Unit Code	Description
1501	URINALYSIS W/REFLEX MICRO
1505	URINALYSIS WITH MICROSCOPIC
1506	UA W/MICRO HOLD SPEC 24 HR
1508	RBC MORPHOLOGY WITH URINALYSIS
1509	pH, URINE
1510	MICROSCOPIC URINALYSIS
1511	URINE MICROSCOPIC - HOLD 24 HOURS

Unit Code	Description
1512	MICROSCOPIC URINALYSIS, RFLX CULTURE
1515	UROGRAM
1520	SPECIFIC GRAVITY, URINE
6002	URINALYSIS (PEN ALLERG CULT IF IND)
6041	UA, MICROSCOPIC, REFLEX TO CULTURE
6051	URINALYSIS (CULTURE IF INDICATED)

Thank you for supporting Clinical Pathology Laboratories