



Laboratory Services Important Test Announcement

Updates to Microscopic Urinalysis

Test Code: UA and UAR

Live Date: 5/14/2024

Effective, May 14, 2024, the Reference Range will change as the result of a transition to a new methodology for urinalysis testing at our main campus location. With this change, there are updates to urine microscopic reference ranges and reporting as shared below:

- Reference range updates:

Urine Microscopic Reference Range Update		
Test	Old Normal range	New Normal Range
RBC, Urine	0-2/HPF	<3/HPF
WBC, Urine	<6/HPF	<5/HPF
Bacteria	Not Defined	None Seen
Casts, Total	Not Defined	<4/LPF
Epithelial Cells, Total	Not Defined	<5/HPF

TRANSITIONAL EPITHELIAL CELLS

**Present, Reference
Range not
established**

- The total Epithelial and Total Casts will be reported quantitatively. However, the type of Epithelial cells, Casts, and Crystal identified will be reported as "Present, Reference Range not established" only when seen (examples below). This is a change from quantifying each identified type.
- Urine Microscopic reflex to urine culture for WBC, is changing from >5/HPF to >4/HPF to align with the updated reference range.

If you have any additional questions, please call Client Services at 614-722-5477