



## Test Update 863

**Posted Date** 12/06/2023  
**Effective Date** 12/12/2023  
**Test Name** [Urinalysis](#)  
**Update Type** [Reference range changed](#)  
**CPT Code** 81003/81001/81015

### REFERENCE RANGE UPDATE

#### Urinalysis

Order Codes: UA, UC, RUA, UMAC, UMIC  
 Fee Code: 35302/BA001/32503 (CPT 81003/81001/81015)

The MLabs Clinical Core Lab will be changing their urinalysis instrument platform effective December 12, 2023. The Arkray AU-4050 system will be replaced by the Sysmex UN-3000, which includes a Siemens CLINITEK Novus chemistry macroscopic analyzer, a Sysmex UF-5000 flow cytometric particle analyzer, and a Sysmex UD-10 digital imaging analyzer. The urinalysis test menu will not change, but there will be a change in how certain parameters will be reported as noted below:

Analyte	Current Reporting Range	New Reporting Range
Squamous Epithelial Cells	Qualitative - Occ, Few, Mod, Many <b>per LPF</b>	Semi-quantitative - 0-2/ <b>HPF</b> to >20/ <b>HPF</b>
Renal Epithelial Cells	Qualitative - Occ, Few, Mod, Many per HPF	Not present or Present
Granular Casts	Semi-quantitative - 0-2/HPF to >50/HPF	Not present or Present
Cellular Casts	Semi-quantitative - 0-2/HPF to >50/HPF	Not present or Present
WBC Casts	Semi-quantitative - 0-2/HPF to >50/HPF	Not present or Present
RBC Casts	Semi-quantitative - 0-2/HPF to >50/HPF	Not present or Present
Waxy Casts	Semi-quantitative - 0-2/HPF to >50/HPF	Not present or Present
Calcium Oxalate Crystals	Qualitative - Few, Mod, Many per HPF	Not present or Present
Amorphous Crystals	Qualitative - Few, Mod, Many per HPF	Not present or Present
Triple Phosphate Crystals	Qualitative - Few, Mod, Many per HPF	Not present or Present
Uric Acid Crystals	Qualitative - Few, Mod, Many per HPF	Not present or Present
Cystine Crystals	Qualitative - Few, Mod, Many per HPF	Not present or Present
Tyrosine Crystals	Qualitative - Few, Mod, Many per HPF	Not present or Present
Yeast	Qualitative - Occ, Few, Mod, Many per HPF	Not present or Present
Trichomonas	Qualitative - Occ, Few, Mod, Many per HPF	Not present or Present

