



## 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                                 |

