



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 per LPF	Semi-quantitative - 0-2/ HPF to >20/ HPF
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

2800 Plymouth Rd, Bldg 35 • Ann Arbor, MI 48109-2800 • 800.862.7284 • 734.936.0755 Fax • mlabs.umich.edu

