

# Clinical Laboratory Test Update

## URINALYSIS

Effective Tuesday, July 25, 2023

### UCHealth South Region Providers

UCHealth Memorial Hospital Central Laboratory will be converting to a new method for urinalysis testing. Lab orders and specimen collection requirements will remain the same. However, urine microscopic reporting structure and reference ranges will change. Significant changes include:

Reference ranges for WBCs and Squamous Epithelial Cells will align with CAUTI criteria for urine culture.

TEST NAME	REFERENCE RANGE
WBC (required)	≤10/HPF
RBC	0-3/HPF
Bacteria	Negative
Squamous Epithelial	≤10/HPF

The urine microscopic elements below will no longer be quantitated. Results will be reported as Present/Absent only.

TEST NAME	REFERENCE RANGE
Trichomonas	Absent
Sperm	Absent
Transitional Epithelial	Absent
Renal Epithelial	Absent
Hyaline Cast	Absent
Granular Cast	Absent
WBC Casts	Absent
RBC Casts	Absent
Waxy Casts	Absent
Fatty Casts	Absent
Calcium Oxalate Crystals	Absent
Uric Acid Crystals	Absent
Triple Phosphate Crystals	Absent
Cystine Crystals	Absent
Cholesterol Crystals	Absent
Leucine Crystals	Absent
Tyrosine Crystals	Absent
Yeast	Absent
Other Findings	Absent

For any questions about this test update, please contact:

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