

Urine Microscopic Reporting Changes: (UAR, UARM, UARWC)

Date: December 30th, 2025

Effective Date: December 31st, 2025

The urine microscopic “CAST” reporting structure will be slightly modified due to new urinalysis equipment at multiple UR Lab sites. There is no change to ordering process, collection, handling, or stability.

- “Urine Casts” will be eliminated and replaced with specific cast types not included before.
- All casts except for hyaline casts will be specified and **present/absent** rather than reported in a semi-quantitative fashion
- A complete list of changes is below. Parameters not mentioned will remain the same.

Parameter	Current Reporting Structure	New Reporting Structure
Urine Epithelial Cell Casts	NA (<i>new parameter</i>)	Qualitative (Present)
Urine Red Blood Cell Casts	NA (<i>new parameter</i>)	Qualitative (Present)
Urine White Blood Cell Casts	NA (<i>new parameter</i>)	Qualitative (Present)
Urine Casts	Semi-Quantitative	NA (<i>parameter removed</i>)
Urine Granular Casts	Semi-Quantitative	Qualitative (Present)
Urine Waxy Casts	Semi-Quantitative	Qualitative (Present)
Renal Tubular Epithelial Cells	Semi-Quantitative	Qualitative (Present)
Transitional Epithelial Cells	Semi-Quantitative	Qualitative (Present)

If you have any questions please contact Geoffrey Harris, Lab Manager for Hematology & Chemistry Laboratories at Strong Memorial Hospital, at 275-8294 or Geoffrey_Harris@urmc.rochester.edu, or Dr. Hosking at any of the below methods listed.

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