

Beginning Tuesday, **February 3, 2026**, DUHS Clinical Laboratories will update the order name for LAB3421 routine urine culture reflexed from urinalysis pyuria screen (currently named “Culture, Urine, Routine with Pyuria Screen”). The **new name** for this order will now be **Urinalysis with Culture Reflex (Pyuria Screen)**. All other urine culture and urinalysis order names, including the order for restricted populations (LAB3420), remain unchanged.

Decision-support will also be added to a new inpatient order panel: “Urinalysis &/or Urine Culture Inpatient Panel.” Providers will be asked to select an indication for testing.

As a reminder, pyuria is defined as abnormal leukocyte esterase (trace or greater) or WBCs >5/hpf. Specimens from patients without pyuria will not reflex for culture when ordered as LAB3421 Urinalysis with Culture Reflex (Pyuria Screen). However, providers will continue to have the option of ordering a separate urine culture on a restricted patient population, which will be processed without a pyuria screen. Restricted patient populations include patients in whom screening for asymptomatic bacteriuria is an evidence-based practice, or patients with suspected infection who may not mount an adequate genitourinary inflammatory response.

Orderable name (Number)	Culture, Urine, Restricted Patient Population (LAB3420)	Urinalysis with Culture Reflex (Pyuria Screen) (LAB3421)
Indication and patient population	<ul style="list-style-type: none"> • Symptomatic, suspected UTI in patient who may not produce inflammatory response, including: <ul style="list-style-type: none"> ○ Pediatrics ≤2 years old ○ Immunocompromised (e.g. neutropenia) • Evidence-based screening for asymptomatic bacteriuria: <ul style="list-style-type: none"> ○ Pregnant women ○ Prior to urologic procedure with expected mucosal injury • Specimen collected during urologic procedure 	<ul style="list-style-type: none"> • Symptomatic, suspected UTI in immune competent host (most patients)
Separate Urinalysis order needed?	Yes -- if indicated for symptomatic, suspected UTI.	No -- included in orderable.
Specimen Collection Requirements	<ul style="list-style-type: none"> • <i>(Strongly preferred)</i> ≥3mL urine in grey top BD Vacutainer PLUS C&S urine transport tube • <i>(Alternative)</i> For specimens <3mL, use a sterile specimen cup, conical bottom tube, OR an AS tube with an activated cold pack inside the specimen transport bag. 	Acceptable UA container and ≥3mL urine in grey top BD Vacutainer PLUS C&S urine transport tube.

Additional educational materials related to this change are available at [Pyuria Screen and Urine Culture Processing | Duke CustomID](#) and [Duke Urine Culture Standard 2026](#).

Please also visit [Duke Clinical Microbiology Lab](#) for more information related to testing services.

For questions related to this change, please contact Diana Alame, MD diana.alame@duke.edu.