

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