

## High-quality testing leads to high-quality patient outcomes

The quality and performance of a laboratory test is a matter of vital concern.

CLEP approval represents accuracy that every physician should demand of laboratory tests, without compromise.

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Newer diagnostic testing developed with advanced science and technology provides greater accuracy, facilitating better patient care. Yet with tens of thousands of laboratory-developed tests (LDTs) available, the risk of inadequate test performance can contribute to improper patient diagnosis and treatment, directly affecting patient outcomes <sup>1</sup>. With limited oversight prior to availability for use, LDTs are excluded from regulatory requirements and have been for over 40 years, reflecting the risks these tests can pose<sup>2</sup>. The FDA has identified problems with several LDTs that put patients at risk of receiving delayed or unnecessary treatment or not receiving any treatment <sup>3</sup>.

## Testing is the first step toward healing, and when it comes to patient health and safety, the quality of diagnostic testing is not a compromise to make.

As a specialized medical laboratory, we know clinicians require reliable and accurate testing to confidently determine the best course of treatment. That is why Acutis Diagnostics is part of less than 1% of labs in the United States providing laboratory-developed testing approved by CLEP, a third-party reviewer for the FDA and a division of the New York Department of Health (NY DOH).

CLEP – the Clinical Laboratory Evaluation Program – oversees laboratory-developed tests to ensure accuracy and reliability <sup>4</sup>. For an LDT to meet CLEP standards, it is put through significantly more rigorous validation measures and reviews than other LDTs over an extended period of time. Most significantly, all of this is executed before it's approved for patient use, **ensuring the highest quality LDT testing in the country**.

## Approval processes for a new laboratory-developed test **Test with CLEP approval Test without CLEP approval** 6 - 12 month duration **Immediate** External review of validation led by scientific board Reviewed only by internal lab team of industry-leading experts from CLEP without any external review prior to test being offered Scientific board review of operating procedures for performing the test Review of proficiency tests Approval of director qualifications CLEP approval guarantees accuracy and quality Internal approval with no guarantee of performance Test is available for patient use

We've seen first-hand that our partner physicians see better patient outcomes when using the most advanced science and testing that Acutis offers. Our CLEP-approved tests meet stringent review standards and demonstrate clinical validity before they are authorized for patient use, enabling our practitioners to diagnose and treat patients with greater certainty and ease.



## Our lines of testing for infectious disease and clinical toxicology





Acutis Reveal™ UTI urinary tract infection test

The first PCR-based UTI test approved by CLEP



Acutis Reveal™ STI sexually transmitted infection test





Acutis Reveal™ GIT gastrointestinal infection test



Acutis Reveal<sup>™</sup> PIT pharyngeal infection test



Acutis Reveal<sup>™</sup> RIT respiratory infection test



- $1\ www.pewtrusts.org/en/research-and-analysis/issue-briefs/2021/01/clinical-lab-tests-need-stronger-fda-oversight-to-improve-patient-safety$
- 2 www.fda.gov/medical-devices/in-vitro-diagnostics/laboratory-developed-tests
- 3 www.aacc.org/advocacy-and-outreach/position-statements/2020/oversight-of-laboratory-developed-tests
- 4 www.wadsworth.org/regulatory/clep

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