

RPS Diagnostics

FebriDx-- A Rapid, In-office Test to Help Drive Antibiotic Stewardship to the Outpatient Setting

FebriDx®, is a rapid, single-use digital diagnostic test that uses only a fingerstick blood sample at the point-of-need, and within minutes not only identifies a clinically significant infection, but importantly also differentiates whether that infection has viral versus bacterial etiology. This breakthrough, cost-effective digital test can make a tremendous impact in the outpatient setting by helping healthcare providers to significantly inform clinical treatment decisions. Since FebriDx is the ideal triage test for patients presenting for fever, the phrase “FebriDx First” was coined because having a rapid accurate diagnosis provides a significant clinical and public health impact in combatting the spread of antibiotic resistant bacteria – and also in reducing the instance of overuse and misuse of antibiotics, which leads to resistance longer-term. Armed with the FebriDx tangible evidence of a correct diagnosis, clinicians are empowered to steer patients with viral etiology away from the often times “obligatory” antibiotic prescription demanded by the patient who wants to feel better (or wants their child to feel better) quickly.

In addition, a rapid FebriDx result indicating bacterial infection helps clinicians quickly triage those patients into immediate treatment. NOTE: Our digital FebriDx diagnostic can also be leveraged at the point-of-need outside of clinician settings (as well as over-the-counter) to broaden access across both developed and resource-limited regions. Our innovative FebriDx technology was developed in part through funding from the U.S. Department of Homeland Security.