



ONE-STEP SAMPLE EXTRACTION CASSETTE AND METHOD FOR POINT-OF-CARE MOLECULAR TESTING

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Overview

The current gold standard method for COVID-19 testing is a multi-step protocol involving RNA extraction using column-based or magnetic bead-based methods, followed by RT-qPCR-based detection of the extracted RNA. Unless automated platforms are employed, this extraction process is lengthy and laborious.

The Invention

UW researchers have developed a new point-of-care molecular testing solution. It can be implemented in a one-step sample extraction cassette to provide accurate and rapid results. The sample is obtained on a swab, and the swab inserted into the cassette. The cassette is then engaged to initiate a series of sequential wash and reaction steps resulting in a visual display.

Additional Information

For More Information About the Inventors

- [David Beebe](#)

Tech Fields

- [Diagnostics & Biomarkers : Diagnostics](#)

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846