TIPS Sudden Science Initiative #1019816 - SARS-CoV-2 Surface Detection

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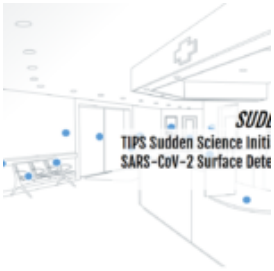


We are seeking up to ten (10) facilities within the USA and Canada to trial LuminUltra's SARS-CoV-2 rapid surface test to proactively reveal the presence of SARS-CoV-2 through environmental surveillance.

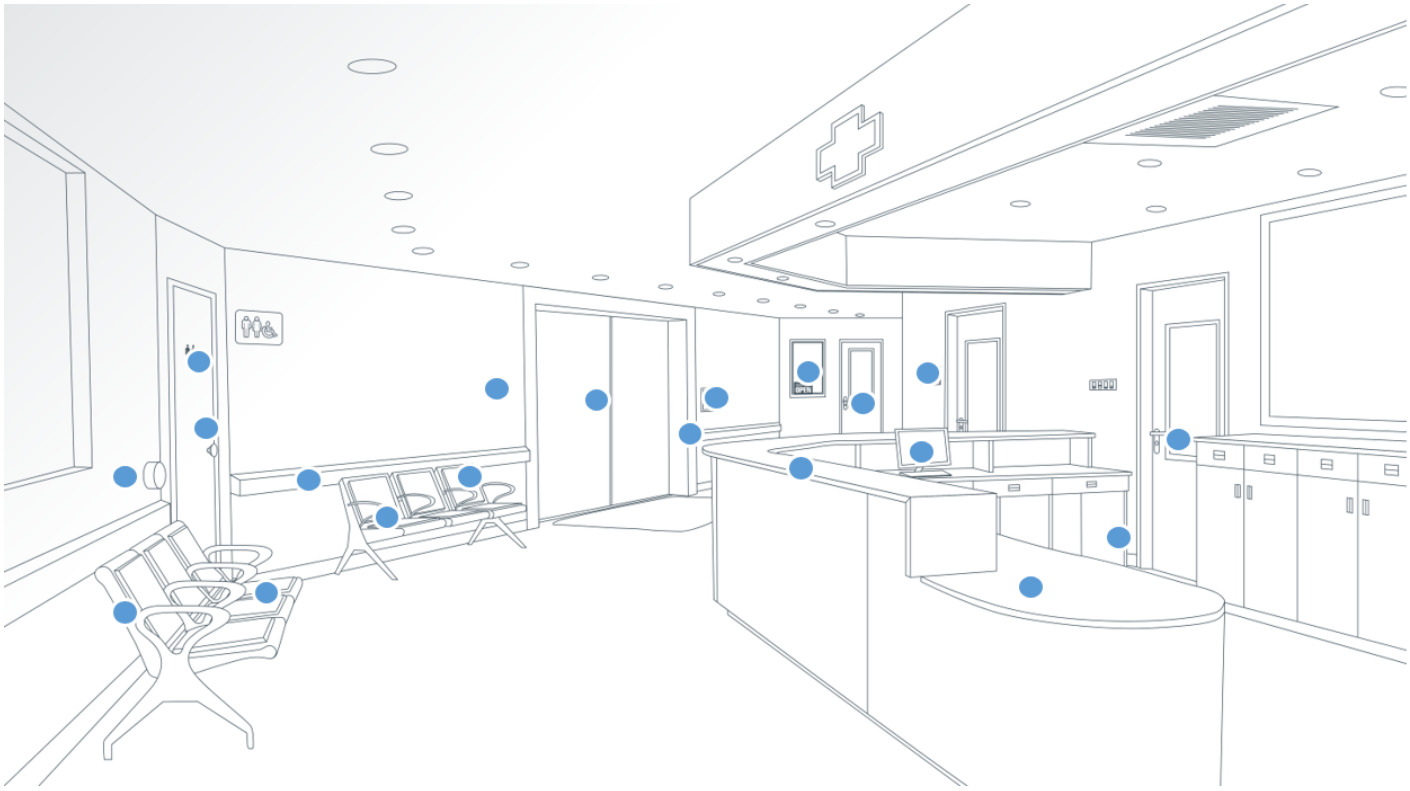
THIS OPPORTUNITY HAS CLOSED.

THANK YOU TO ALL THAT APPLIED.

The Infection Prevention Strategy (TIPS) is proud to launch a series of studies to evaluate the latest innovations in infection prevention and hygiene monitoring. TIPS is dedicated to not only presenting the latest information, but also putting new technologies to the test to evaluate their real-world potential.

TIPS has created a model of information-sharing that makes the process of vetting new technologies, implementing successful programs and inspiring innovation more efficient, more accessible, more global and more collaborative. Known as TIPS Sudden Science, the program is driven by our firm belief that we should not have to wait years for promising innovations, ideas, and processes to be implemented and accepted. Around the world, our teams develop trials and conduct pilot studies to aid in the discovery of successful research to market technological advancements.

This real-world trial is one step in the vetting and feedback process to ensure that the innovators methods are effective in their intended use and provide value for the end users.



Why TIPS is testing this product

LuminUltra's GeneCount technology enables non-invasive detection of SARS-CoV-2 risk in a facility through environmental surveillance. This type of proactive surveillance is not a novel concept but has not been implemented at scale prior to the COVID-19 pandemic. Embedding the right tools to proactively fight COVID-19 within the facilities that need them the most will help to prove the technologies capabilities and identify its limitations. Successful adoption of qPCR technology will require robust data collection and validation of the technology in real-world settings. However, there is not a lot of public data available to support the technology for its designated purpose, oftentimes since users choose to keep the data private to reduce potential negative media and consumer impacts.

Validation of environmental surveillance will benefit society through proactive detection of disease risk and potentially help reduce disease outbreaks. Moreover, qPCR technology is projected to help not only in the fight against COVID-19, but future pathogens of concerns as well.

Details About this Trial Opportunity

TIPS and LuminUltra Technologies will cover the costs for at least 20 tests per site chosen to participate in this Sudden Science trial. This includes the cost for all sample collection materials, shipping, and lab-based testing of the samples at LuminUltra's labs. The data will be shared with participating sites, whom may be offered additional follow-up testing services free of charge. At the completion of the trial, should participating sites wish to continue environmental monitoring through qPCR analysis, discounted equipment/service packages will be made available. Although we appreciate all applications, only those with appropriate facilities will be considered. Select users from each site will be asked to fill out questionnaires based on their experience prior to and following the trial period.

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Innovation	GeneCount environmental monitoring kits for SARS-CoV-2 viral RNA. Sample collection kits (one piece of the solution) will be supplied to the end-users for collection of surface samples that will be shipped to LuminUltra for RNA extraction and subsequent assay for the presence of SARS-CoV-2 in the workplace.
Co-sponsor	