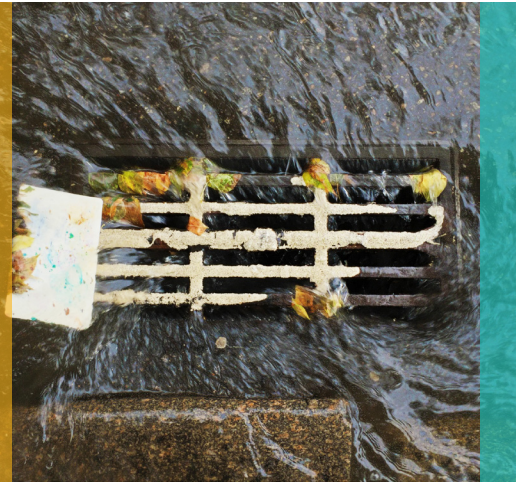


# Development of a Wastewater Analysis Protocol for SARS-CoV-2 Using qRT-PCR

Wednesday September 16, 2020



## Register Now!

**Date:** September 16, 2020

**Time:** 11:00 a.m. 12:00 p.m.  
Eastern Daylight Time



**Agustin Pierri, Ph.D.**  
Technical Director  
Weck Laboratories,  
Los Angeles, California



**Sharon Israeli, Ph.D.**  
Global Product manager  
Agilent Technologies,  
La Jolla, California

### See the effective qRT-PCR tactics used to develop a wastewater analysis protocol for SARS-CoV-2 in the new GenomeWebinar!

Surveilling potentially pathogenic microbes in shared public resources is an important component of research aimed at understanding, preparing for, and protecting communities from infectious diseases. A current example of the value of this approach is wastewater testing for SARS-CoV-2. This method has emerged as an efficient, cost-effective, and reliable way to assess and estimate population infection levels. This approach may provide data to develop predictive modeling tools, enabling hospitals and ICUs to anticipate occupancy trends.

The fastest and most affordable method for quantitative viral detection is the quantitative reverse transcriptase polymerase chain reaction (qRT-PCR) assay. In this talk, we will discuss the background, technique, reagents, and instrumentation used in wastewater testing as it applies to SARS-CoV-2 research. We will also touch on implications for its use in analyzing other pathogens and infectious diseases.

Register here:



*Disclaimer: Agilent products are NOT approved for COVID-19 testing, diagnosis, treatment, or mitigation. Agilent has not validated a product to detect the novel coronavirus.*

[www.agilent.com](http://www.agilent.com)

**For Research Use Only. Not for use in diagnostic procedures.**

This information is subject to change without notice.

PR7000-2554  
© Agilent Technologies, Inc. 2020  
Published in the USA, August 20, 2020  
5994-2277EN

 **Agilent**  
Trusted Answers