



The Company and Team

Real-Time Analyzers, Inc. (RTA), located in Middletown, CT, is a privately owned company founded in 2001. RTA develops spectroscopy-based products for chemical, biochemical, and pathogen analysis. The core employees have over 100 years combined experience in building instruments and developing analyses. RTA has delivered over 30 analyzers to the US Army, Air Force, Navy and Marine Corps for use in Mideast. Additional RTA analyzers have been delivered to NASA and the FDA, as well as the Canadian, Australian and United Kingdom governments.

The team at RTA, has been developing pathogen analyzers since 2003, including the following:

1) The fastest Ames-specific *B. anthracis* analysis for the US Army. The work was featured on the cover of the Analyst, an international scientific journal, and in Bioterrorism by *Stephen A. Morse, the CDC investigator* for the 2001 anthrax letter attacks.

2) The fastest method to detect *L. monocytogenes* on surfaces (Q-Laboratories).

3) In a 5-month period (April-August), the team developed the extremely, simple, fast, inexpensive COVID-19 Saliva Test described in this proposal.

The team has also published over 150 scientific publications, including articles in *Science*, the number 1 scientific journal in the world, and publications with *Henry Taube, Nobel Prize in Chemistry* and *F. Albert Cotton, Priestley Award and Medal of Science*.

The company holds 19 patents, two are the basis of the COVID-19 Saliva Antigen Test.