RADx Projects

RADx Tech – $500M

Highly competitive, rapid three-phase challenge to identify the best candidates for at-home or point-of-care tests for COVID-19

RADx Underserved Populations (RADx-UP) – $500M

Interlinked community-based demonstration projects focused on implementation strategies to enable and enhance testing of COVID-19 in vulnerable populations

RADx Radical (RADx-Rad) – $200M

Develop and advance novel, non-traditional approaches or new applications of existing approaches for testing

RADx Advanced Testing Program (RADx-ATP) – $230M

Rapid scale-up of advanced technologies to increase rapidity and enhance and validate throughput – create ultra-high throughput machines and facilities

Data Management Support – $70M

Build an infrastructure for and support coordination of the various data management needs of many of the COVID-19 efforts

RADx-rad Project Overview

- **Overarching Goal**: Develop non-traditional approaches or technologies with longer development timelines to address gaps in SARS-CoV-2 testing

- Technology platforms that can be used in future outbreaks of COVID-19 and that could be applicable to other, as yet unknown, viruses

- **Process**: Solicit and fund trans-NIH program proposals
  - Portion (~$40-50M) reserved to address future needs

$200M   Range of grant mechanisms (cooperative agreements, SBIR, R01s, etc.) to support 2- to 3-year awards

RADx-rad Project Overview

Development of a novel technology, strategy, or device	Unique application of existing strategies	Unconventional detection strategies	Approach to enhance access or usability
• Example: Development of early disease biomarkers and oral biosensors	• Example: Nationwide early detection system through wastewater surveillance	• Example: Scalable multiplexed screening method by next generation sequencing	• Example: Technologies to diagnose COVID-19 and predict multisystem inflammatory syndrome in children

Data Coordinating Center

- **Next Steps**:
  - Publish FOAs in summer
  - Award of applications in fall