



OraSure Technologies

LESSONS LEARNED FROM AT HOME DIAGNOSTICS
NATIONAL ACADEMIES OF SCIENCES • ENGINEERING • MEDICINE

DNAgenotek®

 **Diversigen**®

 **novosanis**™

About OraSure Technologies



Helping solve the world's greatest health care challenges through access to accurate, essential information

Pioneer in rapid point of care diagnostics for infectious disease, enabling HIV self testing with the OraQuick[®] In Home HIV test

Role in the COVID-19 pandemic is two fold:

- Novel saliva self collection kits for PCR testing
- IntelliSwab[®] COVID-19 Rapid Test



Evolution of Self Testing for Infectious Disease

What have we learned?

2012 –OraQuick In Home HIV Test

- Benefits of non-invasive sample type (oral fluid) in expanding access
- Confirmation of the consumer's ability to test and manage results
- Value of public private partnership (global deployment, subsidies)
- Benefits of broadening risk/benefit discussion from individual to population
- Tenuous commercial opportunity



Evolution of Self Testing for Infectious Disease

What have we learned?

2021 –COVID-19 Self Testing

- Eco-system not built for speed
- Leveraging existing platforms accelerated development
- Highlighted Telehealth as tool to manage Dx and treatment
- Public private partnerships again critical (capacity, deployment, procurement)
- Global supply chain vulnerabilities
- “Life finds a way ”; need to prepare for evolution



IntelliSwabTM
COVID-19 RAPID TEST





Evolution of Self Testing for Infectious Disease

How does this guide the future?

- Invest in non-invasive sample type to expand access
- Invest in platform technology to accelerate rapid development and response
- Incorporate technology, including Telehealth, into solutions
- Expand public private partnership (deployment, subsidies)
- Economic incentives for investment by private sector
- **Continually evolve our mindset**

