



**Rapid,
portable,
affordable
testing for
COVID-19**



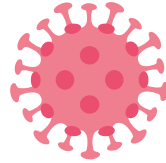
TOGETHER

FOR A SAFER FUTURE

CORONADX will develop **three portable and easy-to-use kits to rapidly detect SARS-CoV-2.**

Rapid testing is crucial for tracking and isolating people at risk of transmitting the virus, even when they don't show any symptoms.

CORONADX will also **investigate the evolution of SARS-CoV-2 and socio-economic impact of COVID-19,** which will help policy makers managing the current and possibly other similar pandemics in the future.



MAIN OBJECTIVES

- to **provide tools for surveillance and testing** in the field by minimally trained people
- to **foster innovation in point-of-care** diagnostics
- to **sustain resilience** by looking at the impact of COVID-19 and testing strategies on economy and society
- to **ensure an effective public health response** to the pandemic with information on viral diversity and timely, affordable and widespread testing

DIAGNOSTIC KITS

The diagnostic kits **require little or no training** and eliminate the need to send samples to central laboratories. They are based on cutting-edge technologies and innovative manufacturing processes that will **ensure affordable mass production**.



PATHAG

Ultra-rapid detection of COVID-19 infection for first-line screening (e.g. in airports, schools and home quarantine settings)



PATHPOD

Kit for rapid detection of COVID-19 in mobile clinics and community health centres, based on LAMP technology



PATHLOCK

Kit for rapid detection of COVID-19 in mobile clinics and community health centres, based on the CRISPR-Cas13 technology



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PROJECT COORDINATOR

Anders Wolff
awol@dtu.dk

COMMUNICATION SECRETARIAT

Niccolò Bertuzzi
niccolo.bertuzzi@icons.it

CONSORTIUM



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003562.