



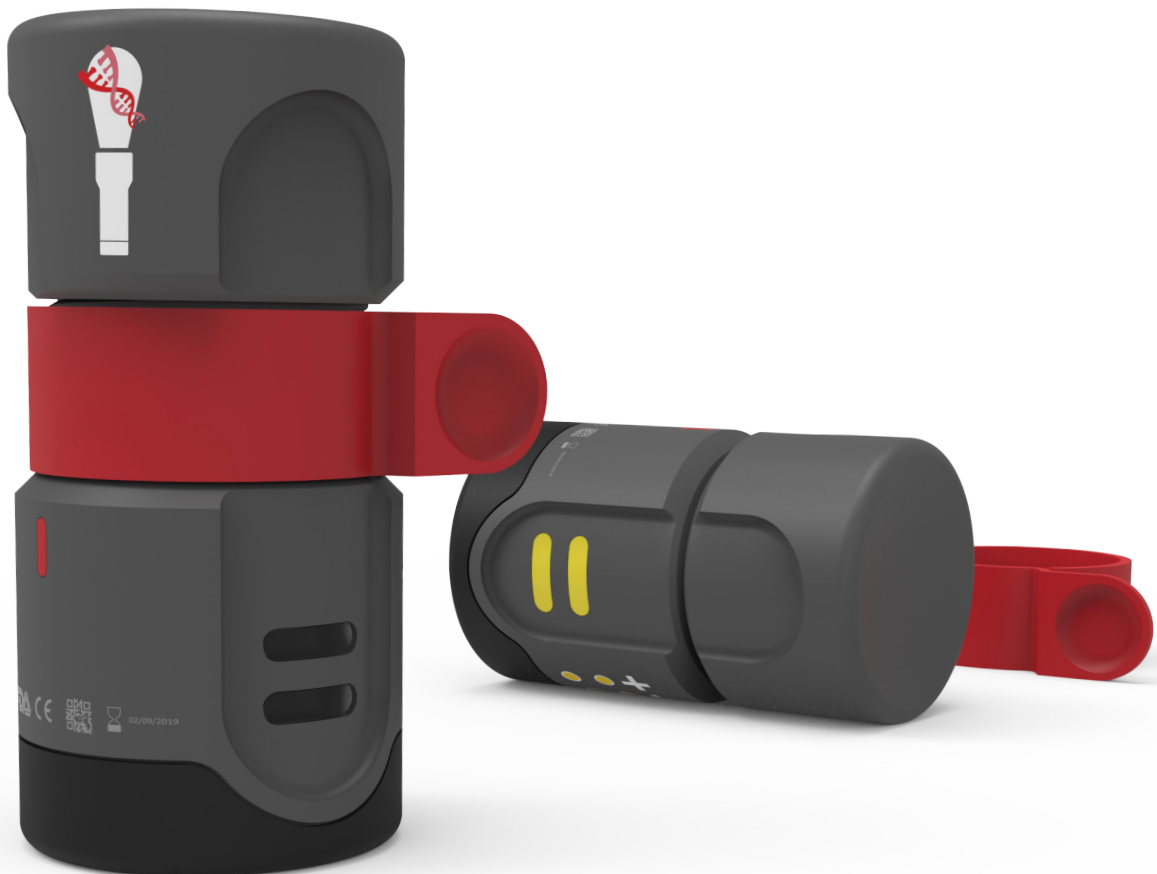
The Technology Partnership
The space to invent.

Torchvx™

Rapid nucleic acid test in your pocket

Putting field-based nucleic acid testing in the hands of the consumer presents significant challenges. This hand-held and manually operated device with integrated sample grinding truly brings DNA analysis to the field. Shine a light on DNA wherever you may be.

Innovation through partnership



1 Add sample



2 Follow instructions to grind sample



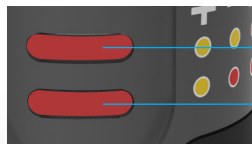
3 Follow processing instructions and wait for results



Positive result



Negative result



Failed test

Control amplification

Target amplification

Sample-to-result in the palm of your hand

Whether it's a pet owner testing a tick for Lyme disease or a farmer testing leaves for crop viruses, the Torchvx™ provides a simple and rapid sample-to-result in the palm of your hand.

Manually operated with a simple heater, the Torchvx incorporates sample grinding, nucleic acid extraction and a simple colour-coded readout using colorimetric LAMP reagents from New England Biolabs®.

Sample types	Animal or leaf tissue, e.g. ticks, leaves
Sample volume	<500µL
Targets detected	1 plus control
Time to result	30-45 mins
Result readout	Colorimetric

