



**20-Second COVID-19 Screening Device on way to Australia  
Accepted by MHRA in UK  
Lodged with TGA in Australia**

- Virolens™, a new 20 second screening device for COVID-19, has been accepted by the UK's MHRA (Medicines and Healthcare products Regulatory Agency)
- 25 Virolens testing machines and 160,000 test cartridges are due in Australia within weeks
- Australian company KeyOptions is the Master Agent for Asia Pacific, Latin America, Mexico, Turkey and the Eurasian States.
- ASX listed company, XTEK Limited is the Exclusive Distributor in Australia, New Zealand the Pacific Islands (ASX:XTE).
- Virolens is currently being assessed for approval with the TGA (Therapeutic Goods Administration) in Australia

A shipment of new rapid COVID-19 screening devices will arrive in Australia within weeks. Virolens™ can detect the presence of the virus via a simple saliva sample in around 20 seconds, with extremely high levels of accuracy (98.1% sensitivity [*true positive*] and 99.7% specificity [*true negative*]).

The Virolens system employs a holographic microscope combined with artificial intelligence (AI) to determine whether the virus exists in the sample. Virolens does not use chemical or biological testing, but rather identifies the unique diffraction patterns created by light interacting with virus surface proteins to identify COVID-19. The technology has been developed by British company, i-Abra.

As Virolens provides a near instant (20 second) result, it eliminates the need for self-isolation while waiting for test results. Disruption to life is minimal. The speed of results also means positive cases can be quickly contained, which in turn can reduce the spread of the virus and the likelihood of outbreaks.

Virolens is also a very cost effective screening solution. These rapid tests are conducted at a fraction of the cost of current testing.

The Virolens system has the ability to change our lives in the COVID-19 era. XTEK Managing Director, Philippe Odouard, believes it can open up travel and get us moving again. "These machines can be used at airports to enable safe travel, or at

borders to ensure safe entry," Odouard says. "We also envisage them at hospitals and medical clinics and even larger entertainment and sporting venues."

KeyOptions has developed software to record the tests. The 'HealthKeyID' is a digital passport that can store an individual's test results on their device. Gavin Milton-White, Chief Commercial Officer for KeyOptions explains, "You will be able to open the app on your mobile device and click on the QR code link, and it will show where you took the test, when you took the test and what your result was. The data is fully in the control of the tested person, with privacy ensured by adherence to the most stringent standards available."

Molecular virologist, Dr Kerry Mills\*, is also excited about the Virolens system. "This rapid testing system eliminates the need to quarantine after a test. It's also much less invasive than the current nasal swab. Importantly, the speed of detection means we can reduce the chance that an outbreak will occur within Australia. It should also allow us to repatriate Australians stuck overseas much sooner and, most importantly, it has the potential to help us get back to a much more normal life."

For further information, to register interest or to order testing units head to [xtek.net](http://xtek.net) or [virolens.keyoptions.com](http://virolens.keyoptions.com).

#### **COPY ENDS**

Images and video footage available upon request.

Available for interview in Australia:

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#### **About KeyOptions**

*KeyOptions provides world-leading disruptive technology solutions for connected and sustainable communities. It innovates, designs and develops solutions for clients in the government, defence, security, urban, commercial and retail industries. KeyOptions helps provide meaningful metrics that have impact on companies' operations and profitability as well as keeping people safe and secure. A number of the team are ex-military and are used to working in complex and challenging environments and have worked on many leading-edge technology integration projects delivering innovative and transformational outcomes. KeyOptions has a global presence with offices in Melbourne, UK & Latin America with partners in USA, Europe, Middle East & Pacific / Asia Regions.*

## **About XTEK Limited**

*XTEK Limited provides high-quality products to deliver tailored security solutions to the government, law enforcement, military, space and commercial sectors. XTEK is focused on developing and commercialising its proprietary technologies by leveraging its established distribution network. These technologies include XTclave™ produced ballistic products and advanced composite solutions, and XTatlas™ real time contextual video, which provide unique solutions for western military forces and other government agencies. In addition, the supply and maintenance of Small Unmanned Aerial Systems (SUAS) remains a focus for XTEK. For more information visit the XTEK website at [www.xtek.net](http://www.xtek.net).*

## **\*Dr Kerry Mills**

*Dr Kerry Mills is a molecular virologist and consultant biostatistician. She has conducted world-class research on HIV, HBV and HDV, as well as the malaria pathogen, Plasmodium falciparum. She continues to publish original research, primarily systematic review and meta-analyses, as well as providing evidence-based advice to industry. She is an expert in comparative effectiveness research and consults to a US-based pharmaceutical analytics company.*

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