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ASIA EDITION

ZEKNANO rapid Covid test kit reveals vaccine efficacy in five minutes

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Identify from a drop of blood whether a person's Covid-19 vaccine is still valid, in 5 Minutes!



Swiss high-tech company ZENUM has developed one of the most advanced technologies in the fight against Covid-19, and it could be ready for distribution as early as next month. The world's first five-minute portable Coronavirus test will also detect how much immunity remains after taking a vaccine.

The game-changing ZEKNANO rapid test kit uses a tiny finger-prick blood sample, instead of swabs. It can be taken anywhere, has close to 100% accuracy, and also measures severity of infection. Thanks to nanotechnology, ZEKNANO not only detects Covid-19 within five minutes, but it identifies up to 14 different conditions simultaneously, including flu virus and infectious diseases.

Artificial Intelligence (AI) is at the heart of the revolutionary product. A neural network - a series of algorithms designed to function like a human brain - has been added to increase the test's efficiency, and study any mutation of the virus.

As the device is portable and lightweight, the tests do not have to be administered only in medical settings. This makes it a leading contender to tackle coronavirus and other diseases in the developing world. It also has the potential to help control the pandemic across all countries before another possible surge in the coming months.

ZENUM already produces 15-minute coronavirus rapid test kits for antibodies and antigens, under the brand ZEKMED. The performance evaluation of these kits were conducted by CIRION Biopharma, one of the few CLIA laboratories in Canada. The results are in accordance with three independent evaluations conducted in Russia, Switzerland and France.

The new ZEKNANO five-minute test is expected to be certified for use in January, putting it ahead of several ongoing projects to achieve such rapid results.

Emidio Do Sacramento, founder and CEO of ZENUM, said: "It doesn't matter if it's a 5 or 15 minute rapid test. Our focus is to help practitioners and health institutions, the best we can, to save lives.
Enough is enough. Mass testing, fast and accurate patient triage is the only reliable solution before any vaccine reaches

enough people. We need our lives and economy back to 'normal'."