

# TECH NEWS

## TWO-PHOTON RESEARCH

### SMARTPHONE COVID

Two-Photon Research (TPR) has launched a diagnostics platform that changes the way viruses are detected using smartphones.

The first application of CAST is for detecting SARS-CoV-2.

An aptamer molecular photonic beacon (AMPB) binds to the S1 protein of SARS-CoV-2 if it is present in a saliva sample. On binding, the AMPB responds to the smartphone's LED flash. The light emitted by the AMPB is then detected by the smartphone's CMOS sensors. No photons, no virus.

→ [twophotonresearch.com](http://twophotonresearch.com)

## THERMO FISHER SCIENTIFIC

### ICP-MS INSTRUMENT

A new-generation inductively coupled plasma mass spectrometry (ICP-MS) instrument has been launched.

The Thermo Scientific Neoma Multicollector ICP-MS system combines innovative features from the existing variable multicollector instrumentation, while a new level of automation with the

integration of peripherals makes access to reliable, high-precision isotope ratio data easier and more efficient.

→ [thermofisher.com](http://thermofisher.com)



## FUJIFILM IRVINE SCIENTIFIC

### MEDIA STERILITY

FUJIFILM Irvine Scientific has released its Sterile Express Media Service (SEMS), for small-scale, rapid production of non-GMP media tested for sterility.

With SEMS, customers can request up to 100L of media, to be rapidly manufactured in a Grade A/ISO 5 sterile environment, and have it shipped within 15 business days pending sterility confirmation.

SEMS has been introduced to enable manufacturers to test the feasibility of formulations using sterile cell culture media before scale-up to more costly GMP manufacturing.

→ [irvinesci.com](http://irvinesci.com)

IVD solutions through partnership



## Lateral flow rapid antigen test ESPLINE<sup>®</sup> SARS-CoV-2

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