

PERKINELMER NANOFAST



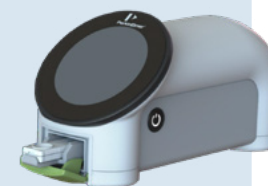
Introducing the PerkinElmer Solus NanoFast™ for fast, efficient and accurate food and environmental testing. Talk to us today about a fast and inovative test that can fit the needs of modern test facilities.

NanoFast combines state of the art lateral flow technology with a user friendly, modern, palm sized reading device giving test results within 24 hours. The method needs minimal training and can be used by technicians of all skill levels. Incorporated within the device is a software package that gives clear, easy to intepret 'yes/no' results which can be stored or uploaded whatever your requirement.

Convenience with Confidence

Keyfigure

- Simple to use
- Small footprint
- Instrument price is low
- Fast: results in 15 mins
- No operator subjectivity
- Data storage
- Lab IT integration
- Remote reporting
- Next day pathogen screening tool



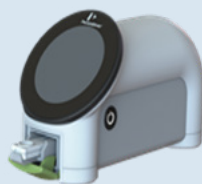
Simple Workflow



Sample ►



Test ►



Measurement ►

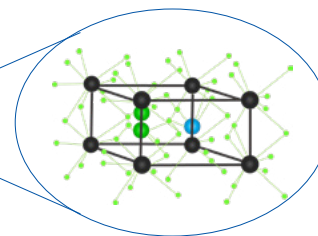
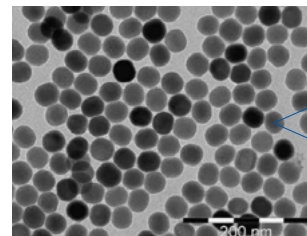


EHR

Competitive Advantages

- Improved performance (1-2 log sensitivity) time to result) will give greater customer confidence and a wider range of applications over traditional LFT's.
- 24-hour time to result will help to reduce burden and cost on testing.
- Allows potential to widen scope of testing when required after positive results observed in factory.
- Ease of use – Reduced skilled labour for running routine tests means simplistic testing is an advantage.
- Simple work-flow solution for low to medium volume testing without – many food testing solutions such as PCR and ELISA are designed for high throughput.

Upcon® technology



- Upcon technology based on upconverting nanoparticles UCNPs
- Inorganic crystals doped with lanthanides
 - Sensitizers (Yb) & activators (Er/Tm/Ho)
- Properties include:
 - Totally eliminated autofluorescence background
 - Bright luminescence
 - Multiplexing opportunities
 - No photobleaching or self-quenching

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