



Micro Flex

Prolight Diagnostics and TTP bringing central lab quality to desktop immunoassays

Working with Prolight Diagnostics, TTP plc has developed a 'central lab in a box': The Micro Flex System, an immunodiagnostic system built to bring central-lab quality ELISA data the distributed healthcare market.

Easy-to-use, easy-to-translate - a 'central-lab in-a-box', uses whole blood sample with ambition to provide central lab quality data on a desktop. Automated blood processing and active mixing throughout helps drive towards rapid sample-to-answer assay times.

The Micro Flex system comprises the cartridge with on board disposable centrifuge and compared to central lab instrument, a low-cost desktop reader designed to undertake nearly any chemiluminescent ELISA assay.

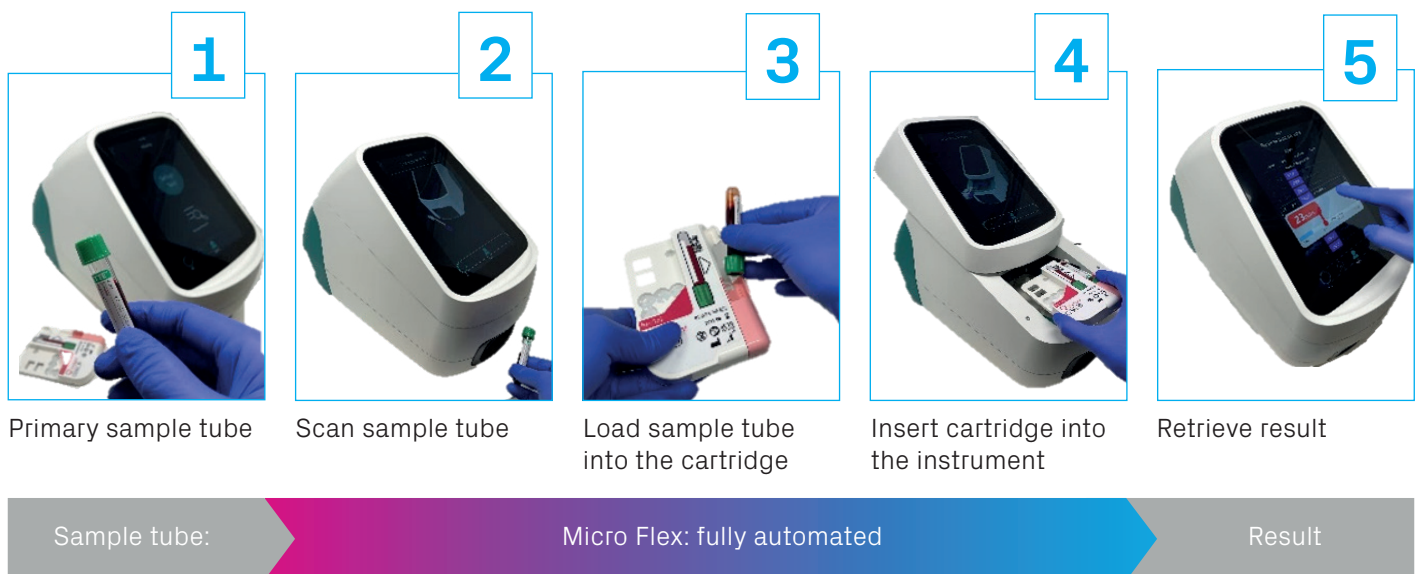
With Prolight, we are now looking for companies wishing to engage in the next stages of commercialising this platform.

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Lab quality data: distributed measurement

- Sensitive** Central-lab quality results
- Direct translation** Running the same chemistry workflows as central labs
- Ease of use** Blood tube to result
- Safe** No risk of contamination from open blood tubes
- Flexible** Ambition to accommodate multiple targets, highly adaptable workflow
- Format** Auto plasma generation, paramagnetic bead-based immunoassay with chemiluminescent detection



Reduced time to market

The Micro Flex system follows the ELISA workflow of traditional central labs. It has been designed so that chemistries can be transferred onto the platform with minimal development – reducing time to market.

Flexible System

The Micro Flex system performs highly customisable workflows with advanced fluid handling contained within a sealed disposable cartridge.

IP Protection

Patents-pending for all core aspects for the technology including the on-board centrifuge

Automated Vacuum tube to plasma

An integrated centrifuge rapidly generates plasma from whole blood enabling plasma-based chemistries to be run.

Contact us to find out more about how you can join us in delivering the future of diagnostics, diagnostics@ttp.com

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