

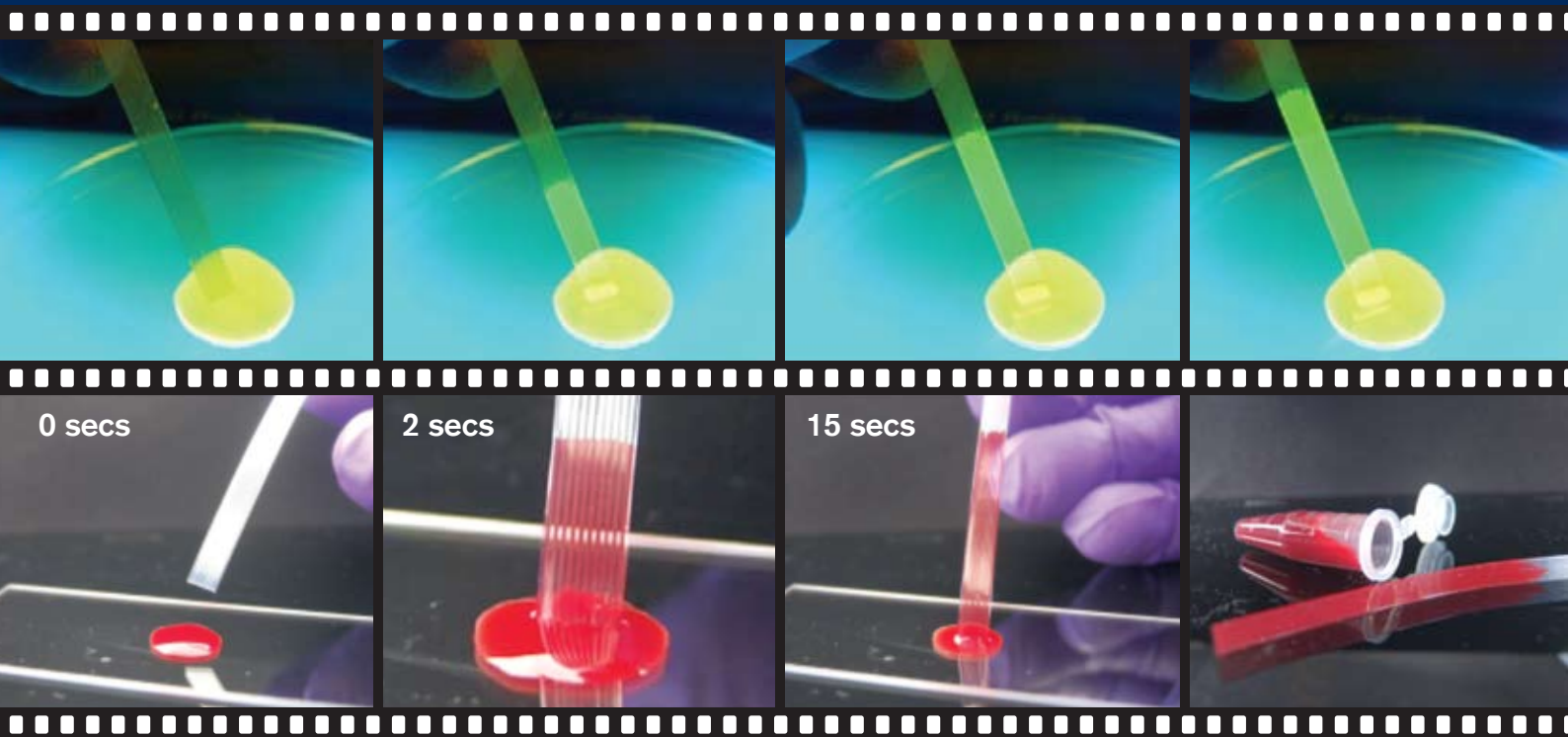


Breaking news: CFT launches new instant multiplex assay platform

Microfluidic performance with dipstick simplicity

- Instant microfluidic multiplex assays
- Next generation lateral flow technology for point of care testing
- Range of standard assay chemistry options
- Unique optical transparency allows quantitative colorimetric or fluorimetric measurement

Instant assays in FluorEx™ microcapillaries: simply dip and test



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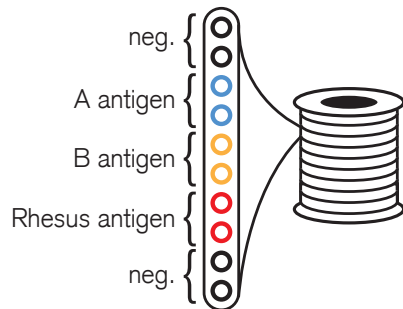


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Example: Instant dipstick ABO blood typing

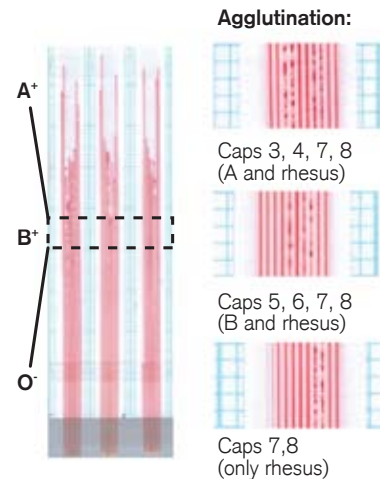
1 Modified micro capillary film prepared to test for A B and rhesus antigens in bulk reel



2 Cut into A/B/Rh test strips



3 Instant ABO blood typing in test strips



Advantages

- Low cost mass test strip manufacture
- Instant operation: no fluid handling needed
- Power free - only digital camera or smartphone needed to record results
- Suited to any colorimetric assay chemistry
- Up to 10 analytes tested per single sample in 0.2mm diameter microcapillaries

Other rapid tests already developed include enzymatic measurements and microbial identification assays

Scalable process for test strip manufacture

Production of Micro Capillary Film

- Manufactured in UK ISO 9001 & LU certified facility
- Low cost continuous melt extrusion process produces 5km/day
- In-line dual laser control of film geometry (tolerance within +/- 5%)
- Range of internal diameters and geometries possible

Production of Multiplex Assay Test Strips

- Manual small batch preparation of up to 100 strips for evaluation and optimisation (<1h)
- Scalable production line in development for batch (<5k strips per batch) or continuous (>10k strips per day) production of reagent loaded test strips