

Multiplex POC platform for biomarker detection with wireless connectivity using surface acoustic wave (SAW) technology

Emerging Clinical & Laboratory Diagnostics:
The Portable Lab

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Moving diagnostics outside of laboratory



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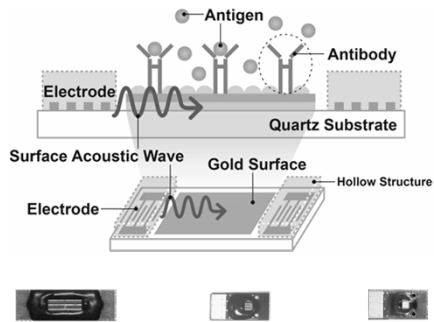
Surface Acoustic Wave benefits

- Rapid reaction time
- Simple electrical detection
- Low cost, mass manufacture
- Quantitative
- Minimal sample preparation



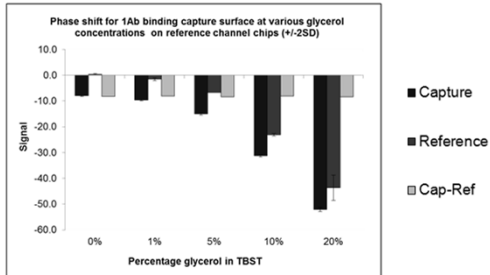
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Detection principle



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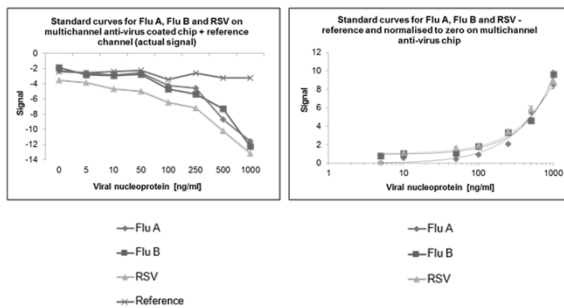
Reference channel function



Urine → Serum → Whole blood

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Multi-biomarker detection



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