

Rapid, Multiplexed Serum Biomarker Detection: SPRi

Surface Plasmon Resonance Imaging

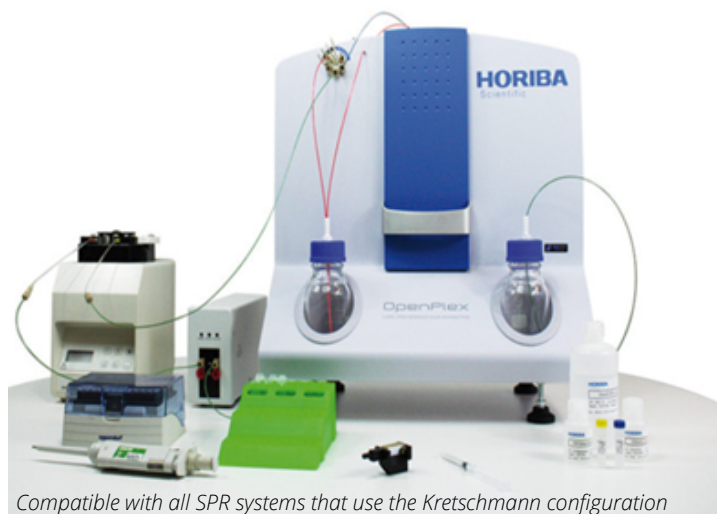


The NanoSPRi™ Assay Kit enables high sensitivity analysis of biomarkers

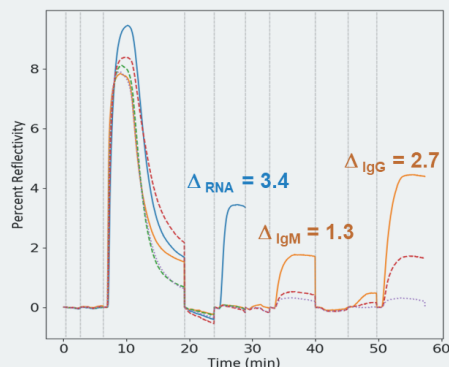
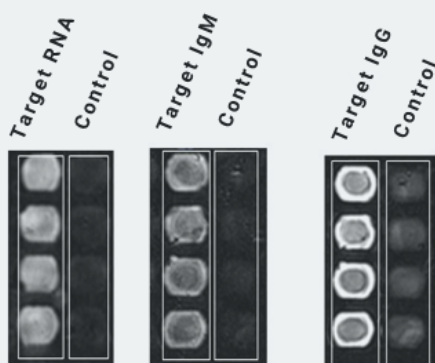
- Patent pending surface activation kit contains disposable chips with up to 400 sample spots
- Surface activation kit eliminates >95% of non-specific serum interference, while a Nanoenhancer enables signal amplification to achieve sensitive (pM) detection
- MultiSpot™ software for easy data analysis and interpretation

SPRi provides rapid, simultaneous nucleic acid and immunological testing at the point-of-care

- Multiplexed detection of serum biosignatures (e.g. nucleic acids, antigens, antibodies, and biomarkers) eliminates the need for a battery of tests
- Rapid (1 hour) analysis with a single serum sample
- Low footprint benchtop instrumentation



Compatible with all SPR systems that use the Kretschmann configuration



SPRi spot images and sensorgram showing the detection of Zika virus RNA and anti-Zika IgM and IgG antibodies.