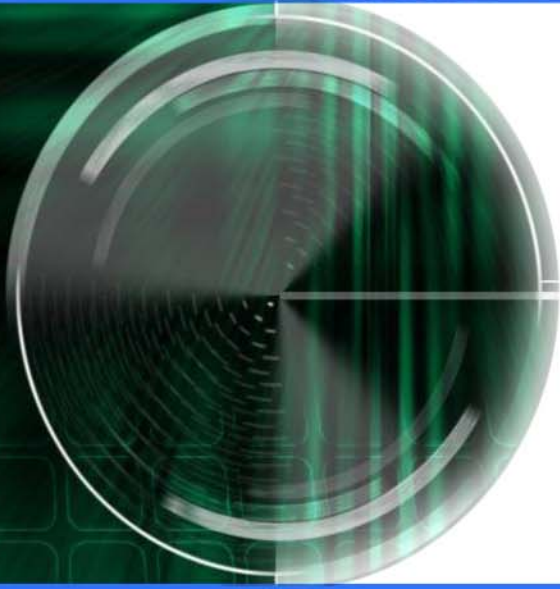


Intellignostics

Real time, simple, multi-target pathogen detection



Intellignostics

Rapid multi-target detection technology

Market Opportunity

A new technology providing
a simple, economical, very rapid real-time digital diagnostic device



Market Opportunity

A new technology providing
a simple, economical, very rapid real-time digital diagnostic device



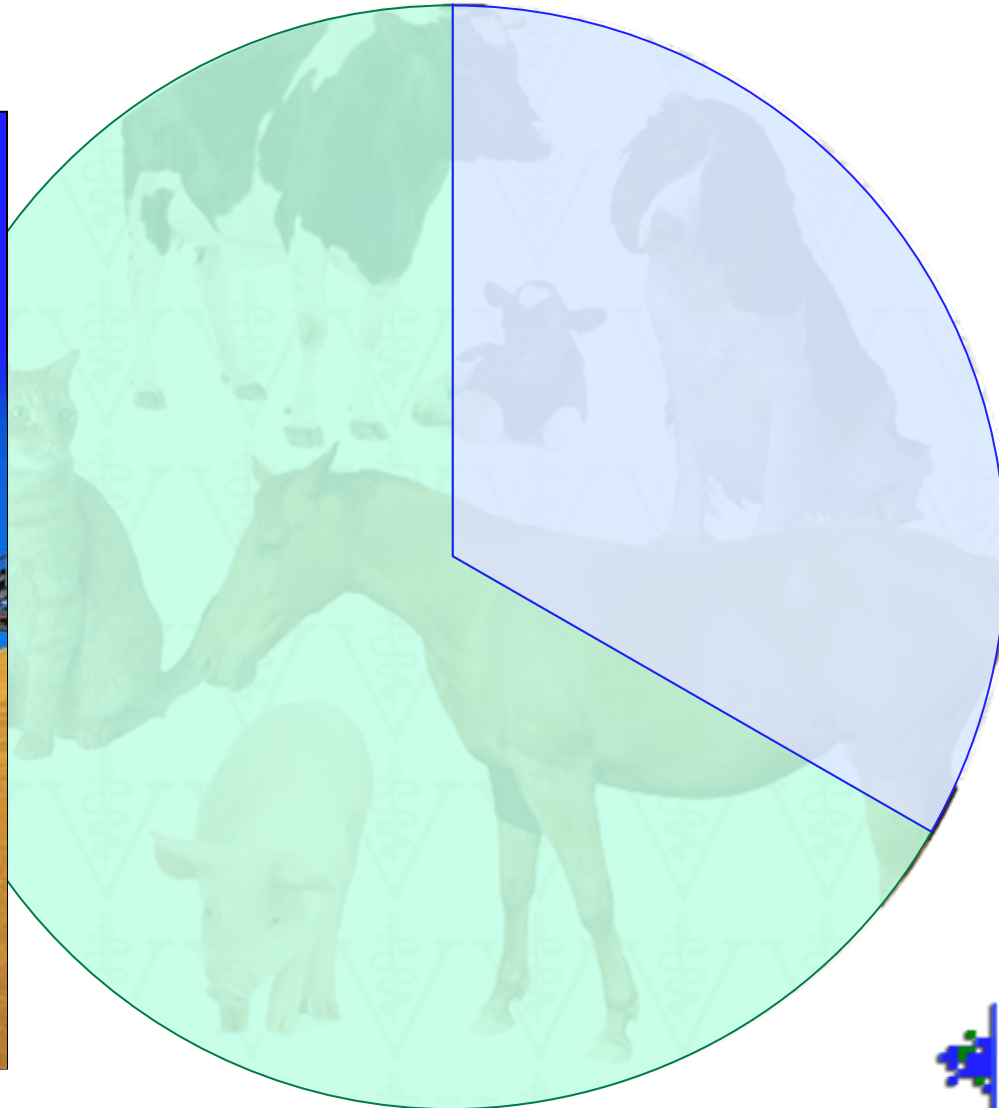
Market Opportunity

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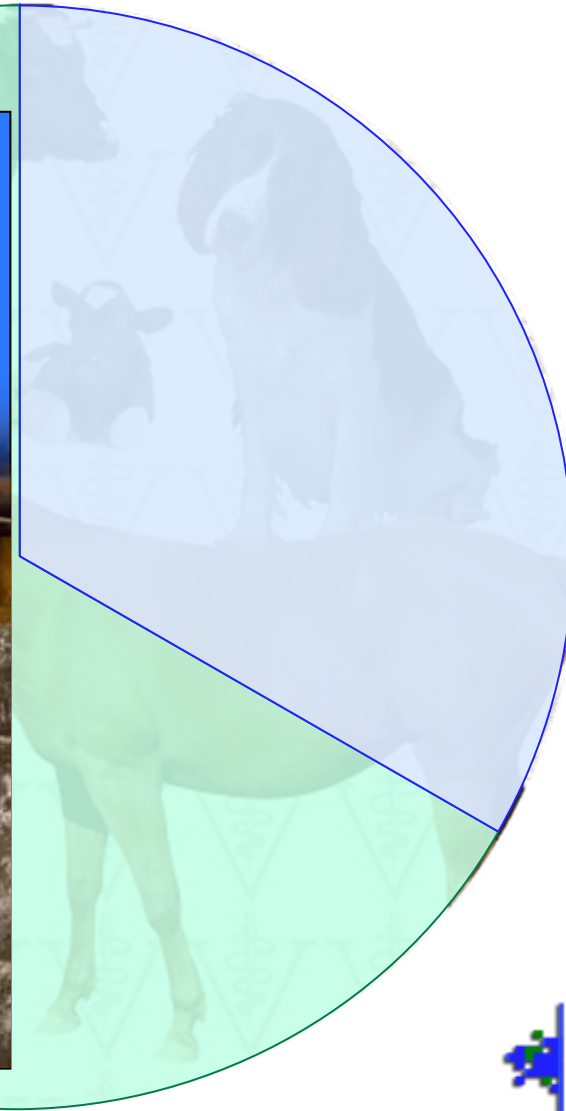
Future Testing Opportunities

A new technology providing
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Food



Environmental



Human
Diagnostics



Department of
Defense



A Platform Technology

- **Human Diagnostic Testing**

- Non-viral pathogens such as Anthrax and other bacteria
- Viral pathogens such as HIV, Smallpox and SARS

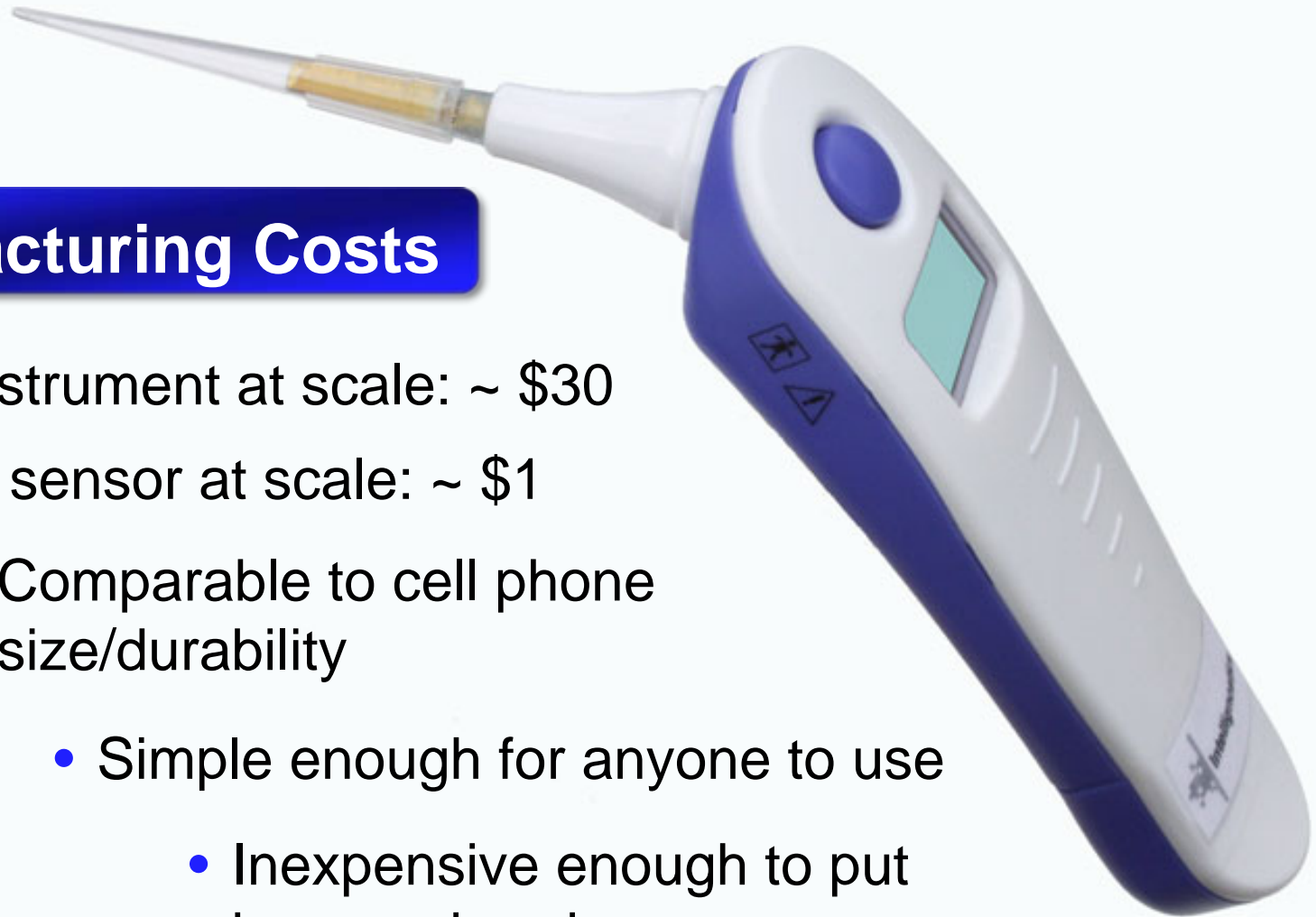
- **Environmental Testing**

- Bacterial diseases
- BioWarfare Agents

IntelliProbe™ Technology

Manufacturing Costs

- Of instrument at scale: ~ \$30
 - Of sensor at scale: ~ \$1
 - Comparable to cell phone size/durability
 - Simple enough for anyone to use
 - Inexpensive enough to put in many hands



The Alternative



60 seconds!

Results



*Transmit data to
decision-maker*

Institute action

Take sample



'Situation current', crisis ready, and adaptable

- “Universal” instrument and software
- Sensors will turn over in routine use and are easily updated
- Coverage
 - Routine triage targets
 - Pandemic disease targets
 - Biowarfare targets

Intellignostics' IP

Fundamental sensing method, U.S. Patent 5,932,953 issued August 3, 1999



- Other IP subject areas
 - Sensor coatings
 - Arrays of tests on single sensors
 - Captured target molecular signature
 - Sensor architecture

Current Team



Richard A. Van Deusen, DVM, MS, Founder and Principal Scientist

- Veterinarian, epidemiologist
- Instrumental in developing current state-of-the-art rapid neuraminidase plate test for sub-typing influenza viruses



Paul Knapp, CEO

- Twin City-focused venture capitalist with 1st quartile performance
- 24 portfolio companies



For more information contact:

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Richard A. Van Deusen, DVM, MS

Founder & Principal Scientist

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FAX: 651-659-0537

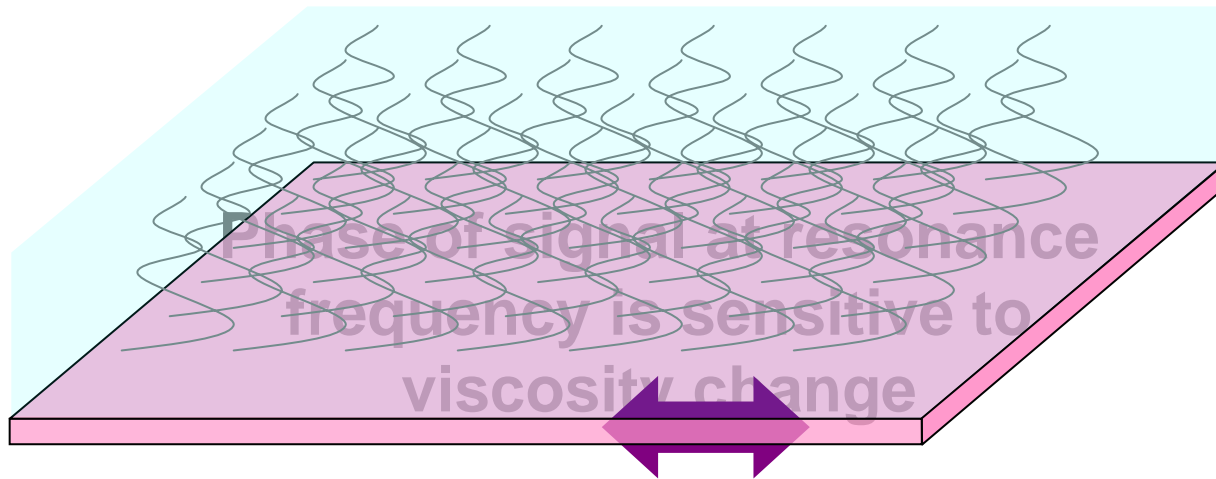
Rapid multi-target detection technology



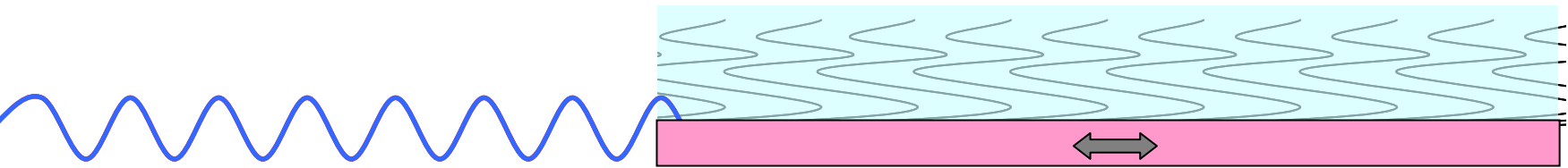
Technical Animations

Operating Principle

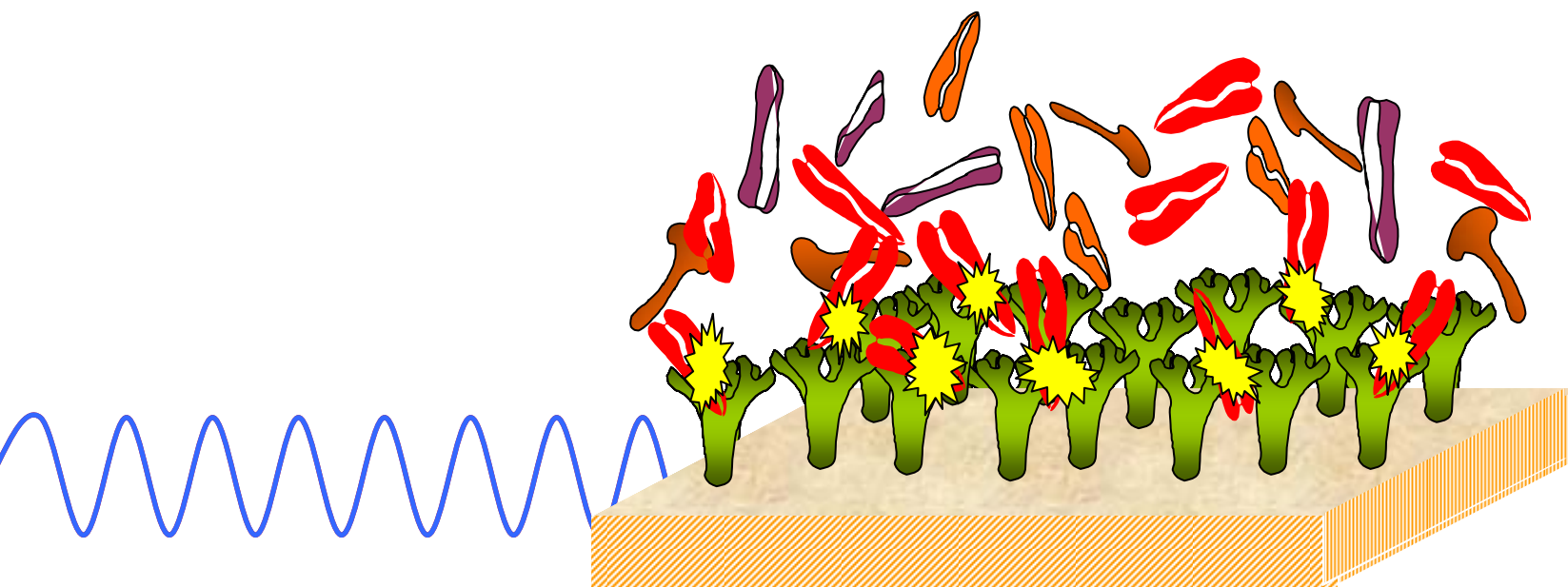
RFPS™ Shear Wave Resonator



Shear wave couples with liquid in contact with the resonator's surface

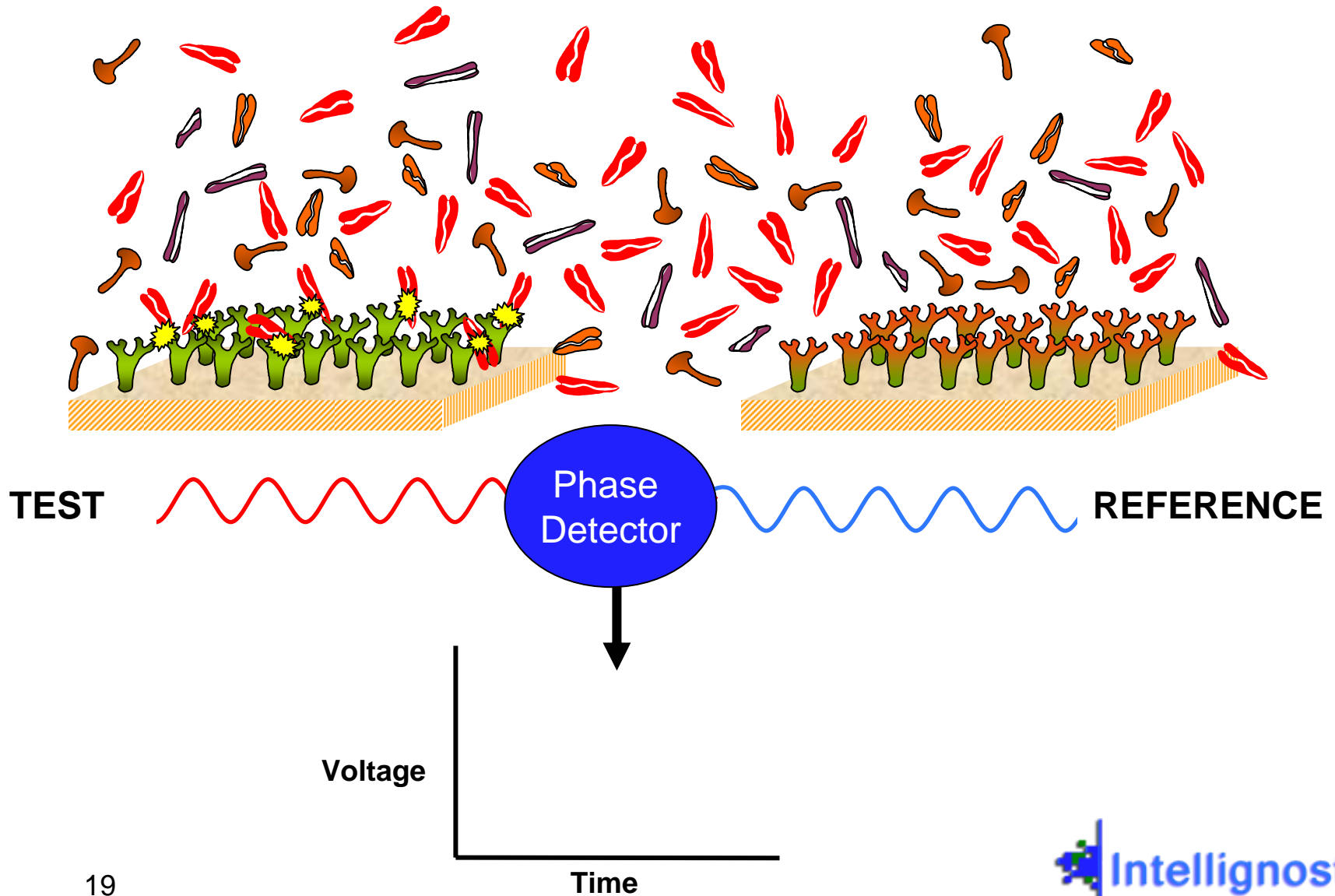


RFPS™ Operating Principle



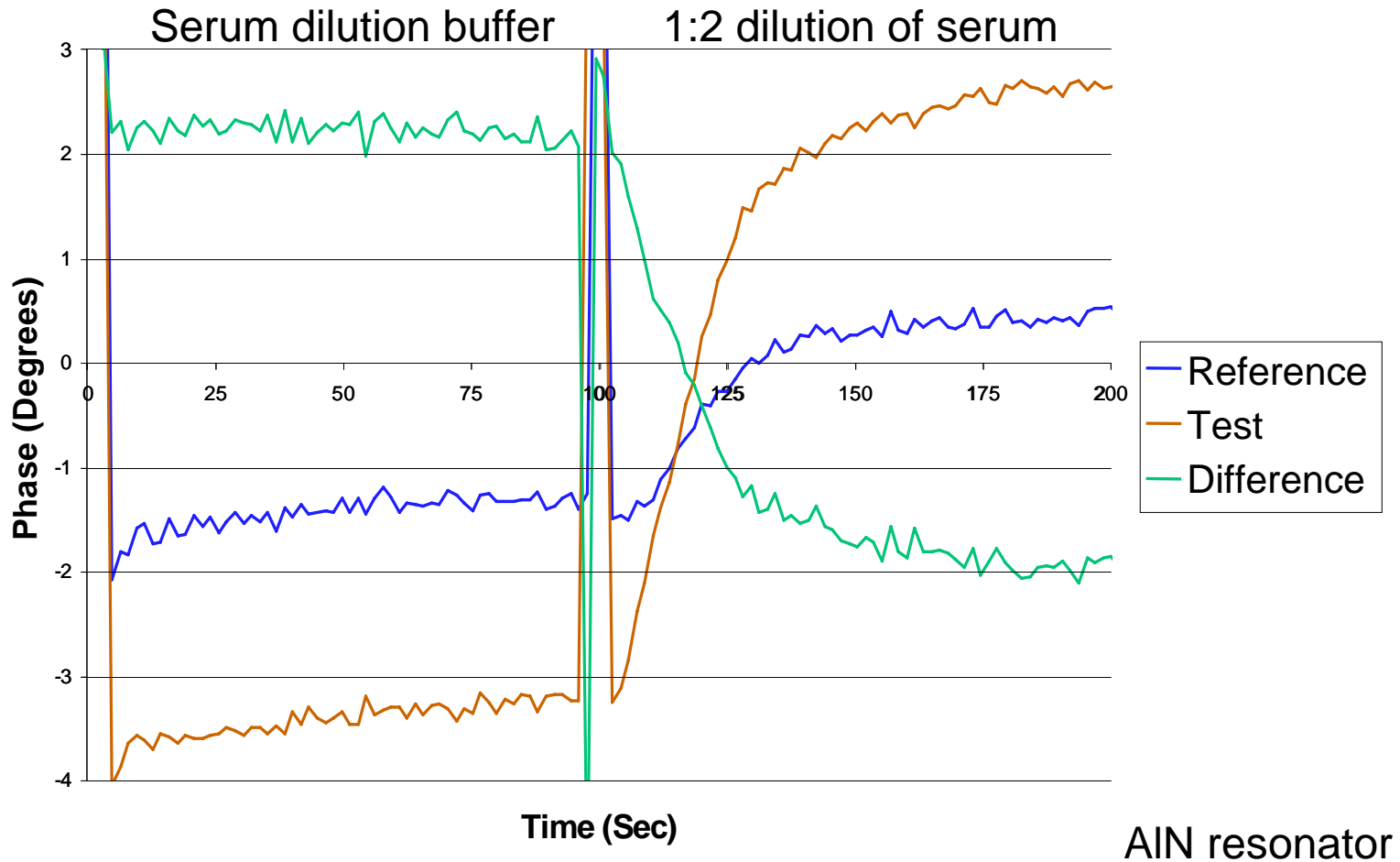
RFPST™ Operating Principle

How the Reference Simplifies Sensing



Proof of Principle

Protein-A Coated Sensor Response to IgG



The Future of Diagnostic Testing

