Aidian is seeking licensing and partnering opportunities for the exclusive, IPR protected, isothermal strand invasion based amplification (SIBA) technology. The versatile technology lends itself for broad range of markets from large volume laboratory settings, to point of care (POC) as well as for demanding on the spot field testing, and allows the development of easy to use products. The technology is ideal for pathogen detection in in vitro diagnostic (IVD) solutions but also in veterinary, food, feed, or water testing. Well established SIBA with its excellent performance\(^1\text{-}^4\) answers to increasing demands on faster and more cost effective testing methods. Aidian is interested in licensing opportunities, but also collaboration possibilities around test development, reagents, instrumentation and manufacturing.

### High sensitivity
- Detection as low as 10 copies of viral RNA\(^2\text{-}^3\)

### High specificity
- Can detect even 1-2 bp differences in sequences\(^1\)
- Reliable SYBR green detection is an option
- Melting curve analysis possible
- Resistant to non-specific amplification

### Speed
- Short time to result – even <10 min\(^2\text{-}^3\)
- Minimum sample prep required – short hands on time

### Robustness
- High protein and salt tolerance
- Dry chemistry for improved reagent stability
- Real-time continuous reaction and detection
- Wide reaction temperature range – less stringent instrumentation specifications

### Multiplexability
- Multiple probe and detection chemistries

### Rapid assay development
- Ideal for outbreak situations

### Small footprint
- Low demands on instrumentation or even instrument free

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SIBA\(^\circledR\) licensing and partnering opportunities

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Commercial SIBA products and applications

- CE marked IVD tests with a small stand alone instrument launched for the European market:
  - *C. difficile*
  - *Campylobacter*
  - *SARS-CoV-2*

- Fast assays developed to detect microbes causing infectious diseases:
  - Influenza A & B, RSV, rhinovirus and Zika virus
  - *Salmonella, Listeria, Legionella, C. trachomatis* and *N. gonorrhoeae*

- Other applications:
  - Differentiation of Robusta coffee from Arabica in roasted coffee beans
  - Detection of GMO maize
  - *Legionella* detection in environmental and water samples

Superior speed and sensitivity of RT-SIBA influenza assay compared to CDC RT-PCR influenza assay; capability of subtyping Influenza strains due to high specificity of SIBA²

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<th>Influenza</th>
<th>Number of positive reactions (time of positive result)</th>
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<td>NOTE: ramp time of RT-PCR reactions not included, which further increase the total time to results for RT-PCR</td>
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References

Contact info

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More information on aidian.eu ➔ About us ➔ Partnering and licensing