Annaida Technologies SA
Innovation Park – C
1015, Lausanne
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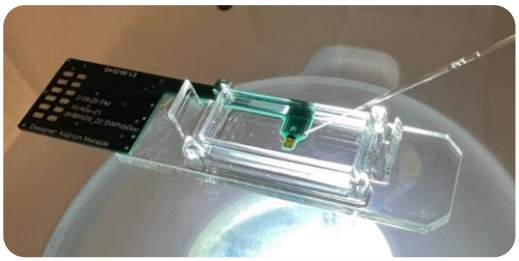
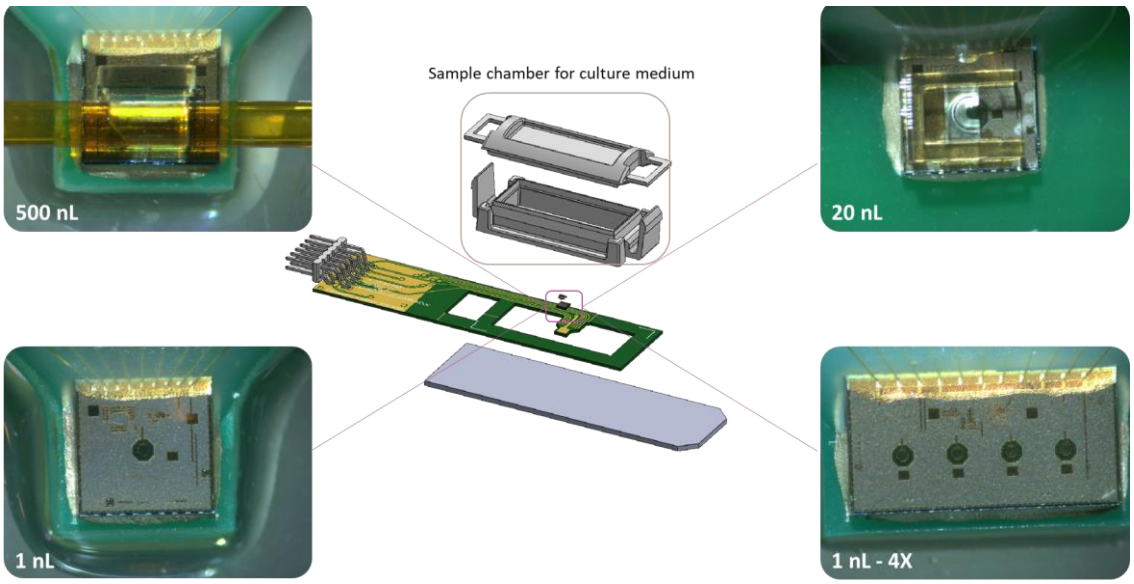
Just tEmbryoSpin Series by Annaida

Measuring the inaccessible

Explore new dimensions in microscale NMR analysis with Annaida Technologies' EmbryoSpin, a top-tier sensor series carefully developed to bring unmatched ease in performing nanoliter-scale studies. EmbryoSpin delivers precision in handling a variety of investigations, adeptly managing samples ranging from 500 nL down to an impressive 1 nL with strict accuracy. Our continually expanding portfolio of microchips, each securely housed within a sensor header, creates a microsystem distinctly designed to meet your specific research needs. Every aspect of the EmbryoSpin series is built with scientific accuracy, transitioning from a simple tool to a crucial partner in unveiling the subtle details of your samples. Explore our datasheets to discover the range of opportunities offered by our standard micro-probes, and begin your journey into the detailed world of microscale exploration with. EmbryoSpin sensors come in many flavors. As we advance in our mission, more versions of these probes will be available. Some we can even make custom, if desired.



EmbryoSpin Sensor



KEY FEATURES:

- Designed for samples from 500 nL down to 0.1 nL
- 1D broadband spectroscopy
- Hassle free sample handling
- Biocompatible for in-vivo studies
- Optimized for biological samples, such as 3D cultures and spheroids
- Temperature control and monitoring available
- Low-cost

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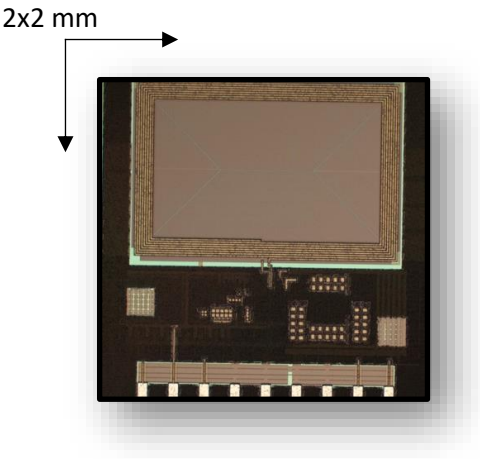
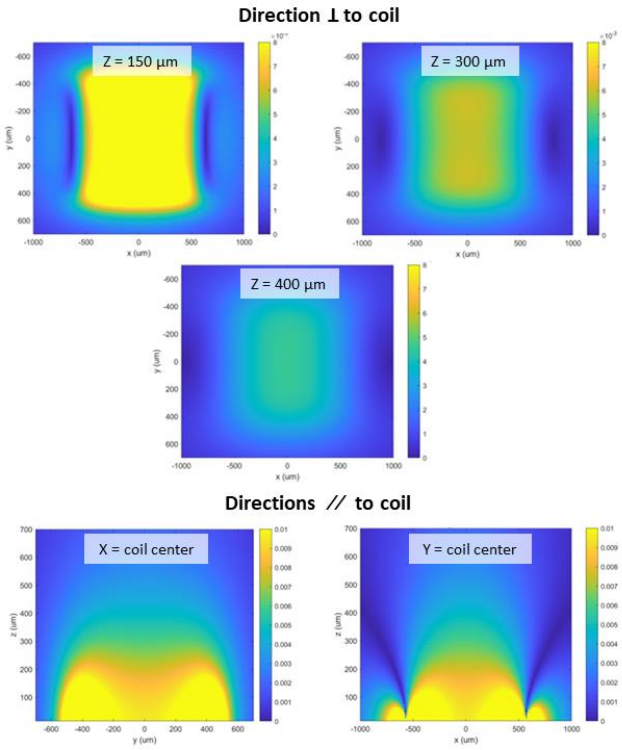
500nL - 500 NANOLITER COIL

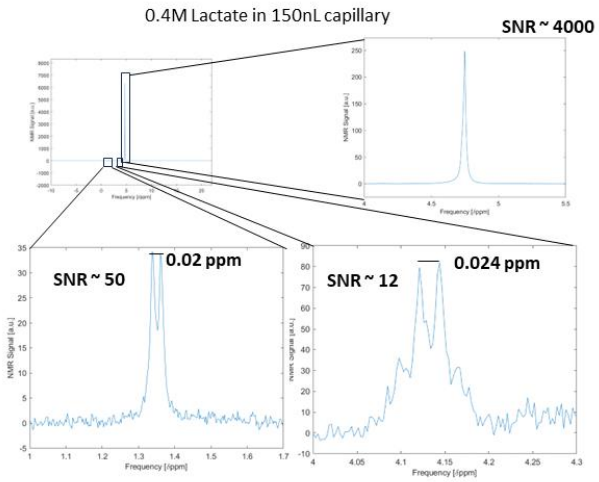


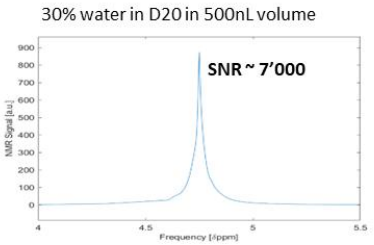
Microchip:

- **Number of Channels** : 1
- **Coil dimensions**: .392 mm ID / .492 mm OD
- **3dB bandwidth**: 250-500 MHz
- **Pulse Length τ_{max} @ 300 MHz**: 100-200 us
- **Pulse power**: 1-10 mW
- **Receiver Power Consumption**: 5 mW
- **Dead time after pulse**: 2 us

Sensitivity Map (T/A) and Spectra:







Customized items available:

- Sample Chamber
- Sample holder
- Temperature controller (0-40 °C, precision of ±0.5 °C)

Sample holder models in stock:

- Holder for capillaries (OD range: 300-600 µm)