

T2 Biosystems

Development of a novel IVD platform with PCR sample preparation and Magnetic Resonance detection

Approach ↗

Sagentia's multi-disciplinary team started with system architecture and concept generation built around the client's proprietary technology

We continued with Proof of Principle to de-risk and develop key system modules before then completing the detailed design of the entire system

Parallel activities investigated user interface, consumable design and ID

Benefit ↗

A flexible platform suitable for the analysis of pathogens, genomics, proteins and small molecule immunochemistry

Fully integrated system and consumable development within the required timescales

Provided the required functionality within the required footprint and BoM cost

Prototype delivery for verification testing and clinical trials



"In helping us develop our diagnostic system, Sagentia's team has showed that they are willing to own the problem, ensuring that our product development continues to meet aggressive timescales in preparation for our clinical trials."

John McDonough, CEO, T2 Biosystems