

Yourgene Health launches MagBench automated DNA extraction instrument and kit for NIPT workflows

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Offers clinical labs in APAC and Middle East cost-efficient, bench-top robotic cell-free DNA extraction workstation and reagents for Yourgene's Sage 32 NIPT Workflow

UK-headquartered Yourgene Health plc, a leading international molecular diagnostics group, has launched the Yourgene MagBench Automated DNA Extraction Instrument and Kit. MagBench solution is available to Sage customers across Asia-Pacific (APAC) and the Middle East.

MagBench offers a simple, fast, and cost-efficient, bench-top robotic cell-free DNA (cfDNA) extraction workstation optimised for Yourgene's Sage 32 NIPT Workflow. This provides clinical laboratories with a streamlined end-to-end solution, from sample to report, enabling them to provide a more accurate and competitive non-invasive prenatal testing (NIPT) service.

The MagBench Automated DNA Extraction Instrument is easy to use, quick to install and provides users with an intuitive touchscreen user interface with built-in protocols, offering fast run times and flexible sample throughput to meet the laboratory's testing needs. The kit comprises sample and elution tubes, pre-sealed cartridges with all the reagents needed for efficient cfDNA purification, and individually packaged tip sets with a unique cross-notch design for precise volume pipetting.

Sage Prenatal Screen offers a Safe, Accurate, Genetic Evaluation of placental DNA in maternal blood using next-generation sequencing in three days. The NIPT workflow includes extracting DNA from the maternal plasma using MagBench, followed by library preparation and enrichment, sequencing, and Sage Link analysis to estimate the risk of a fetus having trisomy 21, 18 or 13, rare autosomal aneuploidies, sex chromosome aneuploidies and the most clinically relevant microdeletions.