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Thermo Fisher introduces new chromosomal microarray

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With two-day turnaround time to increase lab productivity

Thermo Fisher Scientific has announced the launch of a new chromosomal microarray designed to improve cytogenetic research lab productivity, efficiency and profitability with an industry-leading two-day turnaround time.

Providing insights on chromosomal variants for a wide range of prenatal, postnatal and oncology research applications, the Applied Biosystems™ CytoScan™ HD Accel array analyses the whole human genome and provides improved coverage in more than 5,000 critical genome regions.

With growing demand for laboratory services and an ongoing shortage of trained lab professionals, labs are under pressure to improve efficiency to keep up with increasing volumes. CytoScan HD Accel array can help labs increase assay productivity by up to 100% with their existing installed equipment base. The new array also minimises sample handling and preparation time, and requires up to 50% less input sample – as little as 100 ng input DNA – than other commercially available chromosomal microarrays.

CytoScan HD Accel array delivers improved data quality with an expanded reference model that covers a broad range of samples including buccal swabs, saliva, amniotic fluid, chorionic villus, products of conception, and blood.