

# LGC launches Seraseq 22q11 female-matched reference material

August 2023—LGC Clinical Diagnostics announced that its Trisomy 22q11 Female-Matched Reference Material is now included in its Seraseq noninvasive prenatal testing portfolio. It is a circulating cell-free DNA-like mixture of human genomic DNA (matched maternal and fetal) in a commutable matrix intended to be used as a reference material to monitor library preparation, sequencing, and detection performance. The material is processed to maintain the natural cell-free DNA size profiles of fetus and maternal DNA of approximately 170 base pairs.

Customization of the fetal fraction, concentration, and material formulation, either in plasma or fragmented DNA in buffer format, is available on request. One mL is provided per vial at greater than 20 ng/mL concentration.

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