

Product Name:

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| ○ AM 10% SCA (XO) Control | Part No.: 60100524 |
| ○ AM 10% SCA (XYY) Control | Part No.: 60100525 |
| ○ AM 10% SCA (XXY) Control | Part No.: 60100526 |
| ○ AM 10% SCA (XXX) Control | Part No.: 60100527 |

Usage Condition: The 3 ml sample is used the same way as a patient plasma sample.

Storage Condition: 2-8°C for short term (<60 days), -20°C for long term (> 60 days).

Shipping Condition: Blue Ice.

Shelf Life: Three years from the date of receipt under proper storage condition.

Description

The AM 10% Sex Chromosome Aneuploidy (SCA) Controls. DNA is extracted and fragmented from cells harboring XO (Turner Syndrome), XYY (Jacobs Syndrome), XXY (Klinefelter Syndrome) or XXX (Triple X Syndrome), before mixing with similarly fragmented AM Normal Female Cell Free DNA at 10% composition. The percentage of fetal fraction is based on DNA mass from trisomy and normal cells. 15 to 60 ng of mixture DNA (pre-spike mass) is dissolved in 3 ml of diluted DNA-free EDTA human plasma.

Quality Control

The quality and purity of genomic DNA were tested by spectrophotometer. $A_{260/280}$ is between 1.8 and 2.0

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