

Preimplantation Genetic Testing for Aneuploidy Reference Material (PGT-A)



A Comprehensive Solution for PGT-A Performance Evaluation



Preimplantation genetic testing for aneuploidy is a genetic test to identify embryos with an abnormal number of chromosomes (known as aneuploidy). PGT-A reduces miscarriage risk, increases the success of IVF, shortens time to pregnancy, and reduces multiple gestation rates without compromising outcomes.

GW PGT-A reference materials are gDNA format extracted from cell lines which are confirmed chromosomal abnormalities, including the most common trisomies - 13, 18 along with pCNV-1p36 del, 15q del, 21q dup Xp del, etc.

Key Features



A wide range of chromosomal aneuploidies and pCNV



Chromosomal microarray analysis results are available



Compatible with both NGS and array based PGT assays



Suitable DNA concentration for PGT-A assay input



Ability to create mosaicism samples by blending aneuploidy and euploid samples

Product Information



GW PGT-A reference materials are formulated as genomic DNA from CMA-confirmed chromosomal abnormal cells in PBS buffer.

Fast-track Product List

Product Name	Gender	Target CNV size (Mb)	Pack Size
PGT-A T13 Reference Material	Male	95.7	1 vial x 10 uL
PGT-A T18 Reference Material	Male	77.9	1 vial x 10 uL
PGT-A 1p21 del Reference Material	Male	10.3	1 vial x 10 uL
PGT-A 1p36 del Reference Material	Female	7.9	1 vial x 10 uL
PGT-A 4p del Reference Material	Male	29.0	1 vial x 10 uL
PGT-A 5p del Reference Material	Male	13.3	1 vial x 10 uL
PGT-A 6p del Reference Material	Male	4.4	1 vial x 10 uL
PGT-A 9p del Reference Material	Female	15.2	1 vial x 10 uL
PGT-A 15q del Reference Material	Female	6.2	1 vial x 10 uL
PGT-A 16q del Reference Material	Female	8.7	1 vial x 10 uL
PGT-A 17p del Reference Material	Female	6.4	1 vial x 10 uL
PGT-A 18q del Reference Material	Female	12.8	1 vial x 10 uL
PGT-A 21q dup Reference Material	Male	38.9	1 vial x 10 uL
PGT-A Xp del Reference Material	Female	55.6	1 vial x 10 uL

**Reference materials of chromosomal abnormalities not listed above are also available.
Please contact us for further information.**

