Human Genomic DNA, Female

A normal pool of female genomic DNA that can serve as a standard in molecular biology applications

Human Genomic DNA, Female, is comprised of a pool of ≥ 8 normal donors. It is intact DNA extracted from freshly harvested whole blood of healthy females. DNA is treated with DNase free-RNase to remove residual contaminant RNA. Human genomic DNA can be used for a variety of molecular applications including PCR, southern blotting, and DNA library construction. It can also be used as normal reference DNA for comparative genomic hybridizations (CGH).

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ENZ-GEN118-0100	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name

gDNA

Application Notes

Genomic DNA is suitable for PCR, Southern blot analysis, DNA library construction, and used as reference DNA in CGH and other hybridizations.

Concentration

150 – 250 µg/mL in 10 mM Tris-HCl, pH 8.0, containing 1 mM EDTA

Formulation

Liquid.

Quality Control

- A260/280 is between 1.8 and 2.0
- Sex specificity determined by PCR
- The integrity of each DNA sample is verified by agarose gel electrophoresis before and after incubation at 37°C for 16 hours
- Genomic DNA is successfully digested by *Alu*I and *Rsa*I and migration on agarose gel was as expected
- Molecular weight is greater than 20 kb

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