Product Information Sheet

Hybridime - Sonicated human genomic DNA

CA-972-05	Sonicated Human Genomic DNA	10 mg
CA-972-06	Sonicated Human Genomic DNA	100 mg

Contact us for bulk discounts, custom-dispense, and concentration available.

Sonicated human genomic DNA derived from placentae is composed of that from the foetal cells and also a small number of maternal cells. The maternal cells fall away with the placenta when the placenta is delivered following birth. Human placental genomic DNA is uniquely suited to many different uses in molecular biology. Sonicated human genomic DNA can be used in applications where nucleic acid blocking is required such as Southern hybridisation, specialised cytogenetic assays, fluorescence in situ hybridisation (FISH), Northern hybridisation etc. Cambio's sonicated human placental genomic DNA is total human genomic DNA and will specifically block human random repeat sequences making it an ideal blocker for hybridisation experiments. Our sonicated human genomic DNA is supplied as convenient small pack sizes (10 mg) but we also supply in bulk (gram quantities) as required. Sonicated DNA is of a consistent size range with a typical peak size of approx. 500-600 bp.

Applications

Blocking agent for a wide range of different DNA- or RNA-based applications, including but not limited to:

- Southern hybridisation
- Northern hybridisation
- Applications employing nucleic acid probes
- Nucleic acid binding assays
- Fluorescence *in-situ* Hybridisation (FISH)
- Cytogenetic assays
- PCR standards
- As internal Controls

FOR RESEARCH USE ONLY; NOT FOR IN VIVO USE

Healthy donors

The placentae used for obtaining the DNA are from healthy donors that have tested negative for the following: Hepatitis (Hep-B & Hep C); Human Immunodeficiency Virus (HIV-1 and HIV-2); Human T-cell Lymphotropic Virus (HTLV-1 & HTLV-2); *Treponema Pallidum.*

Technical details

Tests have shown minimal nuclease degradation. Store at -20 C. Expiry 2 years from delivery date if stored correctly.

Should sonicated human genomic DNA not be exactly what you need then also see Cambio's intact human placental genomic DNA.

If you cannot find the answer to your problem below then please contact us or telephone 01954 210 200