
Cot-1 Human DNA

Product Description

Catalog #:	CE6040, 500 µg
Name:	Cot-1 Human DNA
Quality Control:	Male human placental DNA, >1 mg/ml Average fragments size - 50-300 bp; A260/A280: 1.78; amount of genomic (non-repetitive DNA): 2%. The sample as well as original material were tested for the absence of HIV1,2 RNA, HCV RNA, HBV DNA.
Storage:	-20°C

Applications:

COT I Human DNA can be used for suppressing crosshybridization to human repetitive DNA in filter and microarray hybridizations and in situ hybridization experiments. Repetitive elements present in a probe may result in unspecific hybridization signals. To enable specific hybridization of the probe to the chromosomal target site the probe is denatured together with an excess of unlabeled COT I Human DNA as a competitor. As a result single-cope gene hybridization is not hindered by repetitive sequences.

Introduction

Cot-1 Human DNA is prepared exclusively from male human placental DNA by shearing, denaturing, and reannealing under conditions that enrich repetitive elements. The Cot-1 fraction of human genomic DNA consists largely of rapidly annealing repetitive elements.

Related / associated products and documents

See [BioSciences Innovations catalogue](#) and [e-search tool](#).
[#39375](#) [IminoBiotin \(UP39375\)](#) and [NHS-IminoBiotin \(UP35329\)](#)
[page A352+](#) [other saturating agents for immunoassays \(i.e. SeaBlock \)](#)

- Cy3-dCTP, [FP-CF286A](#)
- Fluorescein-12-dUTP, [FP-BC5470](#)
- FluoProbes 647N-dCTP, [FP-IL5110](#)
- Proteinase K, [858700](#)

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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