



No one blocks like our COT I!



COT I Human DNA

- COT fraction of human placental genomic DNA
- Blocking agent for repetitive sequences
- Decreases false positive signals in applications like
 - Microarrays
 - In-situ hybridisation (e. g. FiSH)
 - Southern blots
- Available in different concentrations up to 13 mg/ml and bulk quantities on request

COT I
made in Germany by



BIORON



COT I Human DNA

BIORON offers COT I Human DNA made in Germany in highest quality. Manufactured from the precursor, male human placental genomic DNA, BIORON obtains the COT fraction by fragmentation. The product consists mainly of fast annealing repetitive elements. The COT I DNA production process has been improved to ensure a consistent size distribution from 50 to 300 base pairs. For fragment sizes in a range of > 10 kb BIORON offers bulk quantities of Human Placenta DNA (REF 401022) on request.

COT I Human DNA is available from BIORON specified according to your customer requirements.

Characteristics

- Balanced proportion of Y-chromosomal sequences
- Enriched repetitive sequences
- Reliable size distribution 50–300 bp
- Customizable for your production

Highest safety

- Phenol treated
- HIV I/II, HCV and HBV tested

Tested quality

- By photometric and fluorometric methods
- Purity A260/280 > 1.6

BIORON's Product line human genomic DNA

Product	Application	Concentration	Pack Size	REF Number
COT I Human DNA, photometric	Blocking agent Microarrays In-situ hybridisations Filter hybridisations	1–2 mg/ml	500 µg	402007
COT I Human DNA, fluorometric	Blocking agent Microarrays In-situ hybridisations Filter hybridisations	> 1.2 mg/ml	1 ml	402004

Do you require bulk quantities or specific concentrations? Contact us!