

Human Genomic DNA

Shipping: On Dry/Blue Ice Catalog numbers

Exp. Date: See vial BIO-35025 : 500µl reactions: 5 x 1.25ml

Batch No.: See vial

Concentration: 200ng/µl

Store at -20°C



DATA SHEET

Storage and stability:

The Human Genomic DNA is shipped on Dry/Blue Ice and can be stored for up to 12 months at -20°C. Repeated freeze/thaw cycles should be avoided.

Dilution buffer:

1x TE (10mM Tris-HCl pH8.0, 1mM EDTA)

Safety precautions:

Please refer to the material safety data sheet for information.

Notes:

This product insert is a declaration of analysis at the time of manufacture.
Research Use Only.

Features

- Highly purified
- Fragments of up to 50Kb

Applications

- For high throughput applications
- Suitable for a wide range of PCR assays
- Southern Blotting
- Genomic library construction
- Products suitable for blunt ended cloning
- Control template

Description

The highly purified Human Genomic DNA is isolated from a pool of placental material. The average length of the DNA is greater than 50Kb and is suitable for Southern blotting, genomic library construction and as a control template. The Human Genomic DNA is supplied at a concentration of 200ng/µl.

Associated Products:

Product Name	Pack Size	Cat No
MyTaq™ DNA Polymerase	500 Units	BIO-21105
RANGER DNA Polymerase	500 Units	BIO-21122
SensiFAST SYBR No-ROX Kit	500 reactions	BIO-98005
HyperLadder™ I	200 Lanes	BIO-33025
Agarose, Molecular Grade	100g	BIO-41026

Product citations:

1. Ki, W. & Liu, M. *J. Nucleic Acids* doi:10.4061/2011/870726 (2011).
2. Knouf E. C., *et al. Nucleic Acids Research* 1–12 doi:10.1093/nar/gkr731 (2011).
3. Nairn A. V., *et al. Methods in Enzymol.* **479**, 73-91 (2010).
4. Milone M. C., *et al. Mol Ther.* **17(8)**, 1453–1464 (2009).
5. Sanders H. R., *et al. Cancer Therapy* **6**, 793-804 (2008).
6. Daniels, R., *et al., Malaria J.* **7**, 223 (2008).
7. Sambrook, J., *et al., Molecular Cloning: A Laboratory Manual* (1989).