

Rat Genomic DNA

Shipping: On Dry/Blue Ice Catalog numbers

Exp. Date: See vial BIO-35026 : 500µl reactions: 5 x 1.25ml

Batch No.: See vial

Concentration: 200ng/µl

Store at -20°C



A Meridian Life Science® Company

Storage and stability:

The Rat 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 Rat Genomic DNA is isolated from liver tissue of *Rattus norvegicus*. 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 Rat 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. Krajicek, B.J., *et al. Am. J. Physiol. Lung Cell Mol. Physiol.* **298**, 252-60 (2010).
2. Rivers, C., *et al. Endocrinol.* **150**, 4958-67 (2009).
3. Hermann, B.P., *et al. Mol. Cell. Endocrin.* **260-262**, 49-58 (2007).
4. Baldwin, S.J., *et al. Drug Metab. Disposition* **34(6)**, 1063-1069 (2006).

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