

Scotlab for nucleon extraction kits : the original now also the yeast genomic and Y.A.C. DNA / Scotlab.

Contributors

Scotlab (Firm)

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scotlab
for

nucleon™

Extraction Kits

THE
original

NOW also for yeast genomic and Y.A.C. DNA

- Rapid DNA isolation
- Eliminate phenol extractions
- Exceptional yields of DNA
- Genomic DNA isolated using Nucleon™ dissolves rapidly
- Highest purity : UV 260/280 nm ratios circa 1.8
- Extracted DNA is suitable for PCR® or restriction enzyme digestions
- No Proteinase K digestions



The original Nucleon DNA extraction kits are now suitable for Yeast DNA isolation.

After a simple protocol producing spheroplasts, the yeast DNA is extracted in exactly the same manner as for animal cell cultures.

The extracted DNA is suitable for sub-cloning of Y.A.C. DNA into phage and cosmid vectors

CALL FOR FREE COPY OF PROTOCOL

Nucleon™ Two

Cat.No. SL-8502

£89.50

* To qualify, simply complete and return the enclosed card and we will send you a Discount Voucher valid until December 31, 1994. Registration of interest must be made by October 31, 1994.

• RAPID

- 15-20 minutes from gel band to purified DNA/RNA

• EFFICIENT

- recoveries of up to 85% are typical

• EFFECTIVE

- produces highly pure DNA/RNA as a ready substrate for further studies

• SAFE

- eliminates the use of phenol on clean-up protocols

• FLEXIBLE

- use to recover DNA/RNA in many different applications

- ▶ gels
- ▶ replaces tedious alcohol precipitations
- ▶ PCR® reactions
- ▶ labelling reactions



Regular Prices

easiCENE Kit	Cat. No. SL-8505	£110.00
easiMER Kit	Cat. No. SL-8506	£107.00
easiRNA Kit	Cat. No. SL-8507	£106.00

nucleon easiKITS

for isolation of **DNA/RNA** from agarose and polyacrylamide gels, PCR® reaction mixtures, labelling reactions and unwanted buffer solutions.

▶ easiCENE

for isolation of DNA above 200bp
the easiCENE Silica offers a rapid, efficient and complete purification of single and double stranded DNA (>200bp) from gels and enzyme inhibitors. Applications include improving PCR® cloning efficiency and rapid small-scale, mini-plasmid DNA preps.

▶ easiMER

for DNA below 200bp
to complement easiCENE, the Silica in easiMER binds to Low Molecular Weight DNA (10-200bp) and Oligomers. This allows purification from agarose and acrylamide gels as well as solutions.

▶ easiRNA

for RNA purification from gels and elimination of unincorporated label from labelling reactions - the special RNA binding properties of the easiRNA Silica means that the final product is a ready substrate for reverse transcription, translation, RNase protection assays and polymerase reactions.



We invite you to try any 'easi'KIT at the SPECIAL introductory price of only £80.*

* To qualify, simply complete the enclosed card and return/fax it with your Purchase Order. Offer ends October 31, 1994.

excise DNA/RNA band from gel

- ▶ Melt gel
- ▶ bind DNA/RNA to silica matrix
- ▶ wash away agarose and salts
- ▶ elute DNA/RNA from silica in water or TE buffer

A simple illustration of a typical Nucleon™ "easi" kit procedure

All three kits use a silica suspension which has been specially modified to optimise nucleic acid binding capacity. In each case, the form of the modified silica is dependent on the application. The role of silica therefore differs fundamentally from that in Nucleon™ I and II for genomic DNA and Nucleon™ total RNA, where there is no interaction between silica and nucleic acid.

nucleon
total RNA

total RNA preparations in less than one hour

*from animal tissues and
cell cultures*

- Extract superior, DNase treated total RNA in less than 2 hours
- No phenol required
- Eliminate CsCl ultracentrifugation
- No requirement to add expensive inhibitors of RNase activity

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Nucleon RNA
a) for only £95.00 OR
b) buy Nucleon RNA
at full List Price and
take any other
Nucleon Kit
FREE

new

Nucleon™ RNA 25 preparations Cat.No. SL-8503 £120.00

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Offer ends October 31, 1994.



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