



**Labcare  
de Colombia**



- Mini spin column technology
- Non-toxic and non-organic solvent based extraction method
- Fast and easy purification
- High yield, high purity, reliable and reproducible
- Also available in 96-well format



## Nucleic Acid Extraction Kit (MINI-PREP KIT)

Purification made EASY

GF-1 Nucleic Acid Extraction Kits are specially developed for isolation of nucleic acid (DNA, RNA) from various sample sources. The purification columns in the kits are fixed with a specially treated glass filter membrane that is uniquely designed to efficiently bind DNA or RNA in the presence of high salts. The kits apply the principle of mini-column spin technology and the use of optimized buffers ensure that only nucleic acid is isolated while cellular proteins, metabolites, salts and other impurities are removed during subsequent washing steps. Water or low salt buffers with the appropriated pH are then used to elute highly pure DNA, ready-to-use in many routine molecular biology applications.



### GF-1 Plasmid DNA Extraction Kit

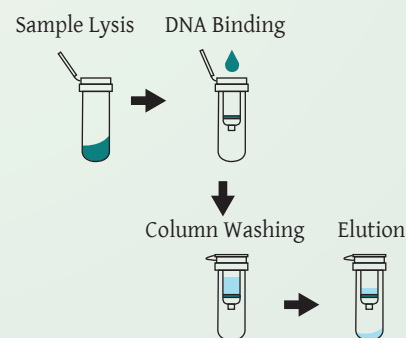
The GF-1 Plasmid DNA Extraction Kit is designed for rapid and efficient purification of high copy and low copy plasmid DNA without the need for precipitation or organic extraction.

- Features :**
- High yield and purity
  - Yields up to 20µg of plasmid DNA
  - Multiple types of plasmid samples can be processed in less than 30 minutes
  - No precipitation and no organic-based extraction required
  - Highly pure plasmid DNA for routine molecular biology applications such as restriction enzyme digestion, DNA sequencing, PCR, ligation, transformation and other manipulations

Ordering information:

Catalogue No.	Description	Pack Size
GF-PL-050	GF-1 Plasmid DNA Extraction Kit	50 preps
GF-PL-100	GF-1 Plasmid DNA Extraction Kit	100 preps
GF-PL-200	GF-1 Plasmid DNA Extraction Kit	200 preps

### Nucleic Acid Purification Systems:





## GF-1 Nucleic Acid Extraction Kit (MINI-PREP KIT)



## GF-1 AmbiClean Kit (Gel & PCR)

The GF-1 AmbiClean Kit (Gel & PCR) is designed for rapid DNA recovery from agarose gels or PCR clean-up of DNA bands ranging from 100bp to 20kb.

- Features :**
- 90% of recovery achievable
  - Purification process less than 15 minutes

### Ordering information:

Catalogue No.	Description	Pack Size
GF-GC-050	GF-1 AmbiClean Kit (Gel & PCR)	50 preps
GF-GC-100	GF-1 AmbiClean Kit (Gel & PCR)	100 preps
GF-GC-200	GF-1 AmbiClean Kit (Gel & PCR)	200 preps



## GF-1 Total RNA Extraction Kit

The GF-1 Total RNA Extraction Kit is designed for rapid isolation of total RNA (longer than 200 bases) from variety of sources such as animal tissues, bacteria cells, plant tissue, cell cultures and yeast samples.

- Features :**
- Yield ranges from 3-30µg of RNA (depends on sample types)
  - Removes DNA fragments with homogenization column and DNase I treatment
  - Highly pure total RNA, ready to use for RT-PCR, dephosphorylation, kinasing, blotting, cDNA synthesis, etc

### Ordering information:

Catalogue No.	Description	Pack Size
GF-TR-025	GF-1 Total RNA Extraction Kit	25 preps
GF-TR-050	GF-1 Total RNA Extraction Kit	50 preps
GF-TR-100	GF-1 Total RNA Extraction Kit	100 preps


### Also available :


 **GF-1 Bacterial DNA Extraction Kit** (GF-BA-050: 50 preps; GF-BA-100: 100 preps)


 **GF-1 Plant DNA Extraction Kit** (GF-PT-050: 50 preps; GF-PT-100: 100 preps)

 **GF-1 Plant DNA Extraction Kit II** (GF-PT2-050: 50 preps; GF-PT2-100: 100 preps)

 **GF-1 Tissue DNA Extraction Kit** (GF-TD-050: 50 preps; GF-TD-100: 100 preps)

 **GF-1 Tissue Viral Nucleic Acid Extraction Kit** (GF-TRD-050: 50 preps; GF-TRD-100: 100 preps)

 **GF-1 Gel DNA Recovery Kit** (GF-GP-050: 50 preps; GF-GP-100: 100 preps; GF-GP-200: 200 preps)

 **GF-1 PCR Clean-Up Kit** (GF-PC-050: 50 preps; GF-PC-100: 100 preps; GF-PC-200: 200 preps)



## GF-1 Tissue Blood Combi DNA Extraction Kit



The GF-1 Tissue Blood Combi DNA Extraction Kit is designed for rapid and efficient purification of genomic DNA from up to 5 x 10<sup>6</sup> cultured animal cells, blood, serum, plasma and various organs such as kidney, heart, lungs, brain, muscles, liver, spleen, etc.

- Features :**
- High yields of up to 20µg of DNA
  - Low starting material requirement, only 200-400µl blood samples or 20-30mg of tissue samples
  - No precipitation or organic extraction required
  - Combi kit for two types of sample origin

### Ordering information:

Catalogue No.	Description	Pack Size
GF-BT-050	GF-1 Tissue Blood Combi DNA Extraction Kit	50 preps
GF-BT-100	GF-1 Tissue Blood Combi DNA Extraction Kit	100 preps



## GF-1 Viral Nucleic Acid Extraction Kit

The GF-1 Viral Nucleic Acid Extraction Kit is designed for rapid and efficient purification of viral DNA/RNA from samples such as serum, plasma, body fluid, virus-infected cell culture supernatant, saliva, viral transport medium buffers consists of virus infected swabs.


- Features :**
- Efficient viral lysis, denaturation of proteins and subsequent release of DNA or RNA
  - Efficient recovery of highly pure DNA or RNA
  - No toxic or organic-based extraction required


### Ordering information:


Catalogue No.	Description	Pack Size
GF-RD-025	GF-1 Viral Nucleic Acid Extraction Kit	25 preps
GF-RD-050	GF-1 Viral Nucleic Acid Extraction Kit	50 preps
GF-RD-100	GF-1 Viral Nucleic Acid Extraction Kit	100 preps
GF-RD-300	GF-1 Viral Nucleic Acid Extraction Kit	300 preps





 **GF-1 Food DNA Extraction Kit** (GF-FE-025: 25 preps; GF-FE-100: 100 preps)


 **GF-1 Gelatin DNA Extraction Kit** (GF-GL-025: 25 preps)


 **GF-1 Forensic DNA Extraction Kit** (GF-FD-025: 25 preps)

 **GF-1 Soil DNA Extraction Kit** (GF-SD-025: 25 preps)

 **GF-1 Blood DNA Extraction Kit** (GF-BD-050: 50 preps; GF-BD-100: 100 preps)

 **GF-1 Blood Total RNA Extraction Kit** (GF-TB-025: 25 preps; GF-TB-100: 100 preps)

 **GF-1 microTotal RNA Extraction Kit** (GF-MT-025: 25 preps; GF-MT-050: 50 preps; GF-MT-100: 100 preps)

 **GF-1 Fungus DNA Extraction Kit** (GF-FU-050: 50 preps; GF-FU-100: 100 preps)