

GeneAll Nucleic Acid Purification Kit Selection Guide

Select from one of the four guides below:

- DNA Plasmid purification (mini and Midi)
- DNA fragment purification
- Genomic DNA minipreps
- Genomic DNA Midi and MAXI preps
- RNA purification

GeneAll Plasmid Purification Kit Selection Guide

Plasmid DNA in bacterial cultures to be purified by spin-column mini or Midi kits

For molecular biology

For transfection of mammalian cells

↓ (mini)

↓ (mini)
↓ (Midi)

↓ (mini)
↓ (Midi)

↓ (Midi)

Hybrid-Q™

Exprep™ Plasmid SV

Exfection™ Plasmid LE

Exfection™ Plasmid EF



Rapid <10 min
+
patented
EZclear filters
(included) to remove
particulate debris
in minipreps from
bacterial cultures

Available as both mini
and Midi kits.
Midi kit requires
a swing-bucket rotor
that reaches
at least 4000 xg

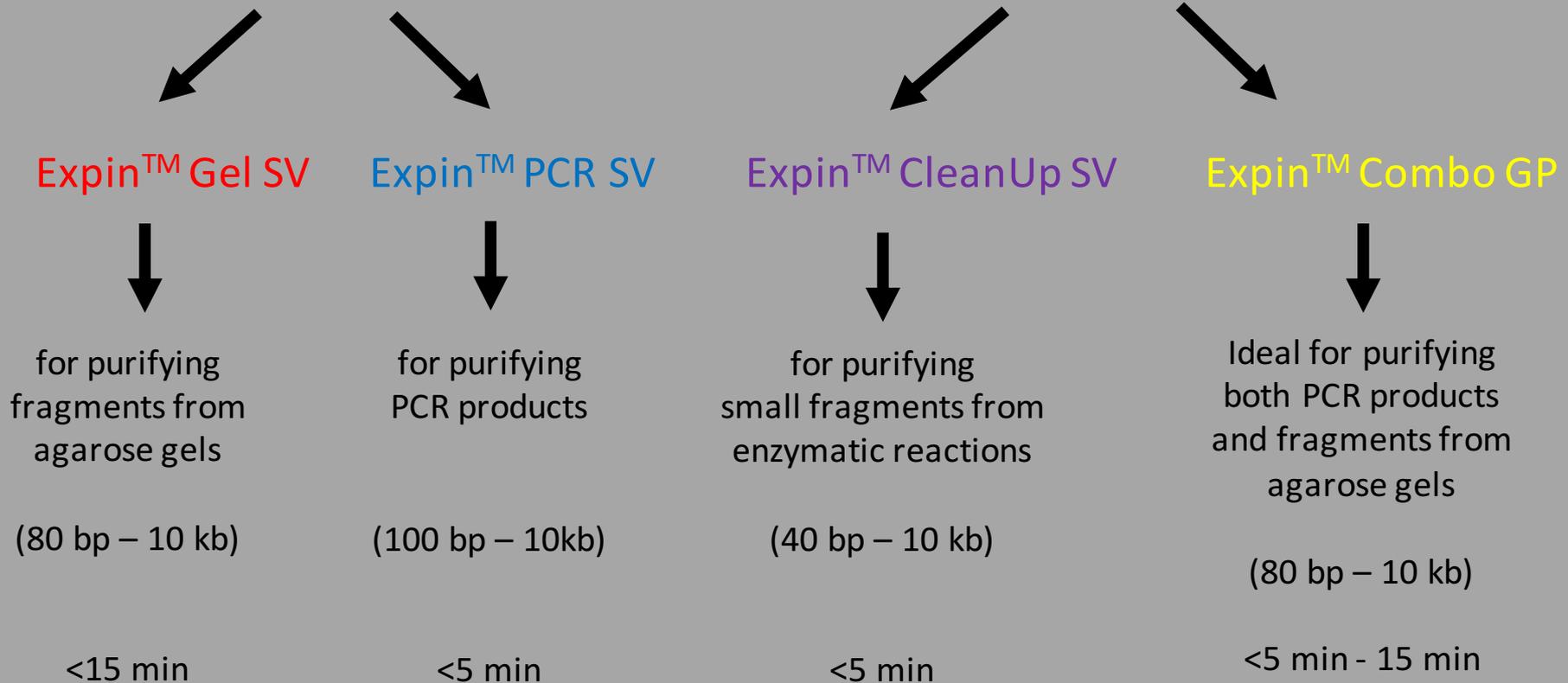
mini-kit
Ideal for preparing
Low-endotoxin (<10 EU/ug)
plasmid DNA for small-scale
transfections
also available as Midi-kit for
large-scale work

Midi-kit
Ideal for preparing virtually
Endotoxin free (<0.1 EU/ug)
plasmid DNA
only available as Midi-kit

SV = Spin or Vacuum; LE = Low Endotoxin; EF = Endotoxin-Free

GeneAll DNA fragment Kit Selection Guide

DNA fragments to be purified by spin column mini-kits



Ready for: ligation, PCR, RE digests, automated sequencing, labelling, microarray, *in vitro* transcription, mutagenesis.

SV = Spin or Vacuum; GP = Gel + PCR

GeneAll gDNA Purification Kit Selection Guide

Genomic DNA from cells, tissues or environmental samples



Spin column method (mini-prep)

General purpose kit:

Exgene™ Cell SV --- (Gram +ve and -ve bacteria, yeast, cultured cells, whole blood, blood derivatives)

Specialized kits:

Exgene™ Plant SV – (Plant, fungi)

Exgene™ Soil DNA

Exgene™ Stool DNA

Exgene™ Blood SV

Exgene™ Tissue (*plus!*) (Tissue, blood)

Exgene™ Clinic SV -- (Cell, Tissue, Gram -ve bacteria, Blood, Buccal swab, Hair, Saliva, Sperm)

Exgene™ Viral DNA/RNA

Small samples:

Exgene™ Genomic DNA (micro)



Solution/precipitation method

GenEx™ Blood

GenEx™ Cell (cultured cells, Gram -ve bacteria)

GenEx™ Tissue (animal tissues)

GenEx™ Plant (*plus!*) (includes EZSep™ filter to remove plant debris)

+

Extraction for PCR-ready DNA

DirEx™

SV = Spin or Vacuum

GeneAll Genomic DNA Midi and MAXI-prep Kit Selection Guide

Genomic DNA from cells, tissues or environmental samples



Spin column method (Midi-prep)

Specialized kits:

Exgene™ Plant SV – (Plant, fungi)

Exgene™ Blood SV

Exgene™ Tissue (*plus!*) (Tissue, blood)

Exgene™ Clinic SV -- (Cell, Tissue, Gram –ve bacteria, Blood, Buccal swab, Hair, Saliva, Sperm)

Spin column method (MAXI-prep)

General purpose kit:

Exgene™ Cell SV -- (Gram +ve and –ve bacteria, yeast, cultured cells, whole blood, blood derivatives)

Specialized kits:

Exgene™ Plant SV – (Plant, fungi)

Exgene™ Blood SV

Exgene™ Tissue (*plus!*) -- (Tissue, blood)

Exgene™ Clinic SV -- (Cell, Tissue, Gram –ve bacteria, Blood, Buccal swab, Hair, Saliva, Sperm)

SV = Spin or Vacuum

GeneAll RNA Purification Kit Selection Guide

RNA in cells, tissues, blood

