



FAVORGEN

The Professional
Manufacturer of
Nucleic Acid Extraction Kits

- Automatic Production in ISO 13485 Qualified Factory.
- Complete Product Lines: Colum System, 96-Well System, Magnetic Bead System, Reagent
- Collaboration with Academic and Industrial Partners for Product Developing & Quality Improving.



Favorgen is located in the national biotechnology park, Taiwan.

It constructs its ISO qualified factory with automation system for production of high-quality

molecular biology products and clinical chemical reagents.

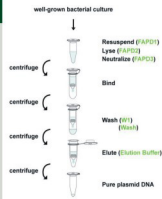
Currently, Favorgen establishes its branch offices over USA, China, Korea and Denmark, and has set up its distributorship net over 30 countries in the world. Since being established, Favorgen has invested substantially in its state-of-the-art manufacturing facilities, to provide customers with high-quality products at very competitive prices. Favorgen is committed to developing research, both in-house and through collaboration with academic and industrial partners, in order to keep offering high-quality, innovation products.

Plasmid DNA Extraction Mini Kit



Features

- **High Recovery:** For high yields of plasmid DNA—up to 30µg from 1~5ml overnight cultures.
- **Easy to use:** No need for messy resin slurries, extracting with phenol, or concentrating via alcohol precipitation.
- **Time saving:** Rapid isolation of genomic DNA from blood, within 30 minutes after lysis.
- **Versatile:** Bacterial cultures such as *E. coli*, which bacteria is pellet, lysed, and then neutralized.



Specifications

Sample:	plasmid DNA—up to 30µg from 1~5ml overnight cultures
Binding Capacity:	Up to 50µg
Expectant Yield:	20-30µg for high-copy plasmid 3-10µg for low-copy plasmid
operation Time:	Under 30 minutes



Order Information

Cat. No.	Product Name	Size
FAPDE 100	FavorPrep™	100 preps
FAPDE 300	Plasmid DNA Extraction Mini Kit	300 preps
Kit Component	FAPD2 Buffer	FAPD3 Buffer
	W 1 Buffer	Wash Buffer (Concentrated)
	Elution Buffer	RNase A (50mg/ml)
	FAPDI Column	2mL tubes (for Collection)

Plasmid DNA Extraction Midi Kit



Features

- **Purity:** Equal to that obtained by 2x CsCl-gradient centrifugation.
- **Safe:** Eliminates the use of phenol, chloroform, ethidium bromide, and cesium chloride, minimizing exposure to, and disposal of hazardous materials.
- **Time saving:** Complete the process in less than 120 minutes.
- **Versatile:** Bacterial cultures such as *E. coli*, which bacteria is pellet, lysed, and then neutralized.



Specifications

Sample:	Up to 120ml bacterial cultures
Binding Capacity:	Up to 750µg
Expectant Yield	500µg for high-copy plasmid 25-200µg for low-copy plasmid
Operation Time	Less than 120 minutes



Order Information

Cat. No.	Product Name	Size
FAPDE 002	FavorPrep™ Plasmid	25 preps
FAPDE 002-1	DNA Extraction Midi Kit	50 preps
FAPDE 002-EF	FavorPrep™ Endotoxin Free Plasmid DNA Extraction Midi Kit	25 preps
Kit Component	PM1 Buffer	PM2 Buffer
	PEQ Buffer	PW Buffer
	PTR Buffer (only for Endotoxin Free Extraction KIT)	PM3 Buffer
	RNase A (50mg/ml)	PEL Buffer
	PM Midi Columns	

Plasmid DNA Extraction Maxi Kit



Features

- **Purity:** Equal to that obtained by 2x CsCl-gradient centrifugation.
- **Safe:** Eliminates the use of phenol, chloroform, ethidium bromide, and cesium chloride, minimizing exposure to, and disposal of hazardous materials.
- **Time saving:** Complete the process in less than 120 minutes.
- **Versatile:** Bacterial cultures such as E. coli, which bacteria is pellet, lysed, and then neutralized.



Specifications

Sample:	Up to 240ml bacterial cultures
Binding Capacity:	Up to 1.5mg
Expectant Yield:	high-copy plasmid: 1mg bacterial culture low-copy plasmid: 50-500µg bacterial culture
operation Time:	Less than 120 minutes



Order Information

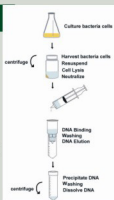
Cat. No.	Product Name	Size
FAPDE 003	FavorPrep™ Plasmid DNA Extraction Maxi Kit	10 preps
FAPDE 003-1	FavorPrep™ Endotoxin Free Plasmid DNA Extraction Maxi Kit	20 preps
FAPDE 003-EF	FavorPrep™ Endotoxin Free Plasmid DNA Extraction Maxi Kit	10 preps
Kit Component		
PM1 Buffer	PM2 Buffer	PM3 Buffer
PEQ Buffer	PW Buffer	PEL Buffer
RNase A (50mg/ml)		PM Column
PTR Buffer (Only for Endotoxin Free Extraction Kit)		

FavorFilter™ Plasmid DNA Extraction Maxi Kit



Features

- **Time Saving:** Complete the process in less than 90 minutes
- **High Purity:** Equal to that obtained by 2x CsCl gradient centrifugation.
- **Safe:** Eliminates the use of phenol, chloroform, ethidium bromide, and cesium chloride, minimizing exposure to and disposal of hazardous materials.
- **Transfection (non-endotoxin sensitive), In Vitro Transcription, Microinjection, Restriction Enzyme digestion**



Specifications

Sample:	Up to 240ml bacterial cultures
Binding Capacity:	Up to 1.5mg
Expectant Yield:	high-copy plasmid: 1mg bacterial culture low-copy plasmid: 50-500µg bacterial culture
operation Time:	Less than 120 minutes



Order Information

Cat. No.	Product Name	Size
FAFTE 001	FavorPrep™ FavorFilter Plasmid DNA Extraction Maxi Kit	4 preps
FAFTE 001-1	FavorPrep™ FavorFilter Plasmid DNA Extraction Maxi Kit	10 preps
FAFTE 001-EF	FavorFilter™ Endotoxin Free Plasmid DNA Extraction Maxi Kit	4 preps
FAFTE 001-1-EF	FavorFilter™ Endotoxin Free Plasmid DNA Extraction Maxi Kit	10 preps
Kit Component		
PM1 Buffer	PM2 Buffer	PM3 Buffer
PEQ Buffer	PW Buffer	PEL Buffer
RNase A (50mg/ml)		FavorFilter Maxi Cartridges
PM Maxi Column		
PTR Buffer (Only for Endotoxin Free Extraction Kit)		

GEL Purification Kit



Features

- **Fast:** Rapid extraction of DNA fragments from agarose gels
- **Purity:** Highly pure DNA (suitable for PCR)
- **Simple:** DNA can be eluted with sterile water or TE buffer.
- **Safe:** No phenol/chloroform extraction and ethanol precipitation required.

Specifications

Applications:	Purification of DNA from solutions and agarose gels
Operation:	Centrifuge / Vacuum
Sample Source:	DNA in agarose gel, PCR products, Enzyme reaction mixture etc.
DNA Size Rang	70bp~12kb
Binding Capacit	up to 10µg
Recovery Rate:	70~85%
Operation Time:	About 25 minutes



Order Information

Cat. No.	Product Name	Size
FAGPK 001	FavorPrep™	50 preps
FAGPK 001-1	GEL Purification Kit	200 preps

Kit Component

FAGP Buffer	Wash Buffer (Concentrated)
Elution Buffer	FAGP Column
2ml Collection tubes	1.5ml Elution tubes

PCR Clean-Up Kit



Features

- **Fast:** Quick and easy to use, just three simple steps.
- **Simple:** PCR product is eluted with sterile water or elution buffer (supplied).
- **Safe:** No phenol/chloroform extraction and ethanol precipitation required.

Specifications

Applications:	sequencing, ligation, labeling, amplification and enzymatic digestion
Operation:	Centrifuge / Vacuum
Sample Source:	PCR products, labeled, modified or digested DNA (Ex. Restriction digests, alkaline phosphatase fragments, kinase reaction, enzymatic labeling reactions)
DNA Size Range:	100bp~12kb
Binding Capacity:	up to 10µg PCR product
Recovery Rate:	90~95%
Operation Time:	About 15 minutes



Order Information

Cat. No.	Product Name	Size
FAPCK 001	FavorPrep™	50 preps
FAPCK 001-1	PCR Clean-Up Kit	200 preps

Kit Component

FAPC Buffer	Wash Buffer (Concentrated)
Elution Buffer	FAPC Column
2ml Collection tubes	1.5ml Elution tubes

GEL/PCR Purification Kit



Features

- **High Recovery:** 70-85% for Gel Extraction, 90-95% for PCR Clean-Up. With simple steps, quick, and easy to use.
- **Time Saving:** 15 minutes for PCR clean-up, 20 minutes for Gel extraction.
- **Safe Use:** No phenol/chloroform extraction and ethanol precipitation required.
- **Versatile:** Purify DNA from agarose gels, PCR or other enzymatic reactions. Fragments between 70bp~ 12Kb.



Order Information

Cat. No.	Product Name	Size
FAGCK 001 FAGCK 001-1	FavorPrep™ GEL/PCR Purification Mini Kit	100 preps 300 preps
Kit Component		
FADF Buffer	Wash Buffer (Concentrated)	
Elution Buffer	FADF Column	
2ml Collection tubes		

Specifications

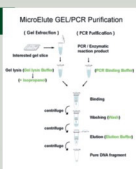
Applications:	PCR, Fluorescent or Radioactive Sequencing, Restriction Digestion, DNA Labeling, Ligation and Transformation
Sample Source:	Up to 300mg agarose gel slice Up to 100ul PCR product or other enzymatic reaction
DNA Size Range:	70bp~12kb
Binding Capacity:	up to 10µg
Recovery Rate:	70-85% for GEL extraction 90~95% for PCR Clean-Up
Operation Time:	15 minutes for PCR Clean-Up 25 minutes for GEL extraction

FavorPrep™ MicroElute Gel/PCR Purification Kit



Features

- **Very Small Elution Volume: 10µl**
- **High Recovery:**
75~85% for Gel extraction
80~90% for PCR purification
- **Time saving:** 15 minutes for PCR purification, 20 minutes for Gel extraction
- **Safe:** No phenol/chloroform extraction and ethanol precipitation required



Order Information

Cat. No.	Product Name	Size
FAEPK 001 FAEPK 001-1	FavorPrep™ MicroElute GEL/PCR Purification Kit	50 preps 200 preps
Kit Component		
PCR Binding buffer	Gel Lysis Buffer	
Elution Buffer	FAPC-2 Column	
2ml tubes (for Collection)		

Specifications

Sample:	Very Small Elution Volume :10µl
DNA size:	70bp-4kb
Binding Capacity:	Up to 5µg
Expected Yield:	75~85% for Gel extraction 80~90% for PCR purification
Operation Time:	15 minutes for PCR purification, 20 minutes for Gel extraction

Blood Genomic DNA Extraction Mini Kit (Blood/ Buffy Coat/ Cultured Cells)



Features

- **High Recovery:** Possible to purify between 5-50µg of genomic DNA.
- **Safe:** No phenol, chloroform extraction or ethanol precipitation required.
- **Time saving:** Within 30 minutes depending on sample type.
- **Versatile:** Extraction of genomic DNA from whole blood, plasma, serum, buffy coat, body fluids, lymphocytes, cultured cells and bacterial cells.



Order Information

Cat. No.	Product Name	Size
FABGK 001	FavorPrep™ Blood Genomic DNA Extraction Mini Kit (including Proteinase K Powder)	50 preps
FABGK 001-1		100 preps
FABGK 100	FavorPrep™ Blood Genomic DNA Extraction Mini Kit	100 preps
FABGK 300		300 preps

Kit Component

Using Proteinase K		Using Lysis Buffer	
Proteinase K Powder	FABG Buffer	RBC Lysis Buffer	FATL Buffer
Wash Buffer (conc)	Elution Buffer	W1 Buffer	Wash Buffer (conc)
FABG Mini Column	2mL tubes (for Collection)	Elution Buffer	FABG Mini Column
1.5mL tubes (for Elution)		2mL tubes (for Collection)	

Specifications

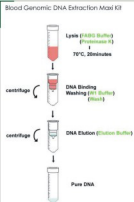
Sample:	Kit with Proteinase K: Up to 0.2ml blood sample 5 × 10 ⁷ animal cultured cells 10 ⁸ bacterial cultured cells
	Kit without Proteinase K Up to 0.3ml fresh blood sample
Binding Capacity:	up to 50µg genomic DNA
Expectant Yield:	4-12µg for blood sample 20-40µg for cultured cells
operation Time:	Within 30 minutes

Blood Genomic DNA Extraction Maxi Kit (Blood/ Buffy Coat/ Cultured Cells)



Features

- **High Recovery:** Possible to purify between 500µg of genomic DNA.
- **Safe:** No phenol, chloroform extraction or ethanol precipitation required.
- **Time saving:** About 60 minutes.
- **Versatile:** Extraction of genomic DNA from whole blood, plasma, serum, buffy coat, body fluids, lymphocytes, cultured cells and bacterial cells.



Order Information

Cat. No.	Product Name	Size
FABGK 003	FavorPrep™ Blood Genomic DNA Extraction Maxi Kit	10 preps
FABGK 003-1	(including Proteinase K Powder)	24 preps

Kit Component

Using Proteinase K Powder/	
Proteinase K Powder	FABG Buffer
W1 Buffer	Wash Buffer (conc)
Elution Buffer	FABG Mini Column
30 mL tubes (for Elution)	

Specifications

Sample:	Up to 10ml fresh blood 5 × 10 ⁷ -1 × 10 ⁸ animal cultured cell 2 × 10 ¹⁰ bacterial cultured cells
Binding Capacity:	Up to 500µg of Genomic DNA
Expected Yield:	Up to 500µg for whole blood
operation Time:	About 60 minutes

Tissue Genomic DNA Extraction Mini Kit

(Tissue/ Bacteria, G⁺, G⁻/ Fixed Tissue/ Yeast/ Dried blood spot)



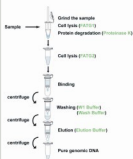
Features

- **High Recovery:** Possible to purify up to 50µg of genomic DNA.
- **Easy to use:** Rapid isolation without the use of caustic organic compounds.
- **Time saving:** Rapid isolation of genomic DNA from blood, within 20 minutes after lysis
- **Versatile:** Extraction of genomic DNA from several types of tissue, fixed tissue, yeast or dried blood, up to 25mg of fresh/frozen tissue can be used.

Specifications

Sample:	25mg animal tissues, 1.2 cm mouse tail, 3ml log-phase (OD=10) yeast culture Paraffin-embedded tissue, Buccal swab
Binding Capacity:	up to 60µg genomic DNA
Expectant Yield:	5-50µg
operation Time:	Within 20 minutes after lysis

Tissue Genomic DNA



Order Information

Cat. No.	Product Name	Size
FATGK 001	FavorPrep™ Tissue	50 preps
FATGK 001-1	Genomic DNA	100 preps
FATGK 001-2	Extraction Mini Kit	300 Preps

Kit Component
 Proteinase K Powder FATG1 Buffer FATG2 Buffer
 W1 Buffer Wash Buffer (Concentrated) Elution Buffer
 FATG Mini Column 1.5mL tubes (for Elution)
 2mL tubes (for collection) Micropestles

Plant Genomic DNA Extraction Mini Kit

(Plant tissue/ Plant Cells/ Fungi)



Features

- **High Purity:** DNA is suitable for a variety of applications, including amplification, digestion, PCR etc.
- **Save:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** About 30-60 minutes depending upon the sample type.

Specifications

Sample:	Up to 100mg fresh Plant tissues or 20mg dry plant tissue
Binding Capacity:	Up to 50µg genomic DNA
Expected Yield :	5~40µg
Operation Time:	About 30-60 minutes



Order Information

Cat. No.	Product Name	Size
FAPGK 001	FavorPrep™	50 preps
FAPGK 001-1	Plant Genomic DNA	100 preps
	Extraction Mini Kit	

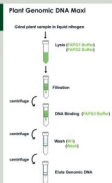
Kit Component
 FAPG1 Buffer FAPG2 Buffer FAPGP3 Buffer
 Wash1 Buffer (conc.) Wash Buffer (concentrated)
 Elution Buffer RNase A (10mg/ml) Filter column
 FAPG mini column 2ml tubes (for collection)

Plant Genomic DNA Extraction Maxi Kit

(Plant tissue/ Plant Cells/ Fungi)

Features

- **High Purity:** DNA is suitable for a variety of applications, including amplification, digestion, PCR etc.
- **Save:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** Within 80 minutes depending upon the sample type.



Specifications

Sample:	Up to 1g fresh Plant tissues or 200mg dry plant tissue
Binding Capacity:	Up to 1mg genomic DNA
Expected Yield :	Up to 500~600µg
Operation Time:	Within 80 minutes



Order Information

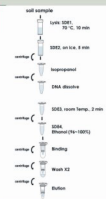
Cat. No.	Product Name	Size
FAPGK 002	FavorPrep™	10 preps
FAPGK 002-1	Plant Genomic DNA Extraction Maxi Kit	24 preps

Kit Component		
FAPG1 Buffer	FAPG2 Buffer	FAPG3 Buffer
Wash 1 Buffer (conc.)	Wash Buffer (concentrated)	
Elution Buffer	RNase A (10mg/ml)	Filter column
FAPG mini column		

FavorPrep™ Soil DNA Isolation Mini/Midi Kit

Features

- **Time Saving:** Rapid isolation of ready-to-use DNA within 60 minutes without phenol/chloroform extraction.
- **High purity:** Eliminate humic acid, polysaccharides, phenol compounds, and enzyme inhibitor from stool sample.
- **Sample Size:** Mini Kit Prep: 0.2~1g of soil sample Mid Prep: up to 10g of soil sample
- **Format:** Spin Column



Specifications

Sample:	Mini Kit Prep: 0.2~1g of soil sample Midi Prep: up to 10g of soil sample
Binding Capacity:	Mini Kit: Up to 30µg total DNA Midi Kit: up to 300µg genomic DNA
Operation Time:	Within 60 minutes



Order Information

Cat. No.	Product Name	Size
FASOI 001	FavorPrep™ Soil DNA Isolation Mini kit	50 preps
FASOI 001-1		100 preps
FASOI 002	FavorPrep™ Soil DNA Isolation Mid Kit	25 preps

Mini Kit Components			
Glass Beads	SDE1 Buffer	SDE2 Buffer	SDE3 Buffer
SDE4 Buffer	Wash Buffer (Conc.)	Elution Buffer	
SDE Mini Column	2.0ml Tube (for Collection)		

Midi Kit Components			
Glass Beads	SDE1 Buffer	SDE2 Buffer	SDE3 Buffer
SDE4 Buffer	Wash Buffer (Conc.)	Elution Buffer	
SDE Midi Column	1.5ml Tube (for Collection)		

FavorPrep™ Stool DNA Isolation Mini Kit



Features

- **Time Saving:** Rapid isolation of ready-to-use DNA within 60 minutes without phenol/chloroform extraction.
- **High purity:** Eliminate humic acid, polysaccharides, phenol compounds, and enzyme inhibitor from stool sample.
- **Sample Size:** 50~200mg of fresh or frozen stool sample.
- **Format:** Spin Column



Specifications

Sample: 50~200mg of fresh or frozen stool sample.

Binding Capacity: Up to 30µg genomic DNA

Operation Time: Within 60 minutes



Order Information

Cat. No.	Product Name	Size
FASTI 001 FASTI 001-1	FavorPrep™ Stool DNA Isolation Mini Kit	50 preps 100 preps
Kit Component		
Glass Beads SDE1 Buffer SDE2 Buffer SDE3 Buffer		
SDEX Buffer Wash Buffer (concentrated)		
Elution Buffer Proteinase K SDE Mini Column		
2.0ml Tube (for Collection)		

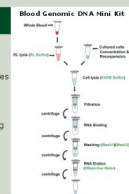
Blood Total RNA Extraction Mini Kit

(Blood/ Cultured cells)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** The kit use a spin column tube and removes proteins and nucleases in cells. It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** 30-60 minutes depending upon the sample type.



Specifications

Sample: Up to 0.3ml fresh whole blood
Up to 1 X 10⁷ animal cultured cells
Up to 1 X 10⁸ bacterial cultured cells
Up to 5 X 10⁷ Yeast

Binding Capacity: Up to 100µg total RNA

Expected Yield : 4-12µg from blood sample
10-65µg from cultured cells

Operation Time: About 30-60 minutes



Order Information

Cat. No.	Product Name	Size
FABRK 001	FavorPrep™	50 preps
FABRK 001-1	Blood/ Cultured Cell	100 preps
FABRK 001-2	Total RNA Purification Mini Kit	300 preps
Kit Component		
RL Buffer FABR Buffer Wash 1 Buffer (conc.)		
Wash 2 Buffer (conc.) RNase-Free Water		
FABR Columns 2ml tubes (for collection)		
1.5ml tubes (for elution) Filter Column		

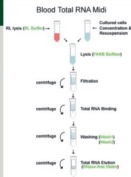
Blood Total RNA Extraction Midi Kit

(Blood/ Cultured cells)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** The kit uses a spin column tube and removes proteins and nucleases in cells. It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** About 30-60 minutes depending upon the sample type.



Specifications

Sample: 0.3-1ml fresh whole blood
Up to 1×10^6 animal cultured cells
Up to 1×10^8 bacterial cultured cells
Up to 5×10^7 Yeast

Binding Capacity: Up to 1mg total RNA

Operation Time: About 30-60 minutes

Order Information

Cat. No.	Product Name	Size
FABRK 002	FavorPrep™	20 preps
FABRK 002-1	Blood/Cultured Cell Total RNA Purification Midi Kit	50 preps

Kit Component

RL Buffer FARB Buffer Wash 1 Buffer (conc.)
Wash 2 Buffer (conc.) RNase-Free Water
FARB Columns Collection Tube Filter Column

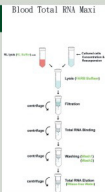
Blood Total RNA Extraction Maxi Kit

(Blood/ Cultured cells)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** The kit uses a spin column tube and removes proteins and nucleases in cells. It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** 60 minutes depending upon the sample type.



Specifications

Sample: 3-10ml fresh whole blood
Up to 5×10^6 animal cultured cells
Up to 5×10^8 bacterial cultured cells
Up to 5×10^7 Yeast

Binding Capacity: Up to 6mg total RNA

Operation Time: About 60 minutes

Order Information

Cat. No.	Product Name	Size
FABRK 003	FavorPrep™	10 preps
FABRK 003-1	Blood/Cultured Cell Total RNA Purification Maxi Kit	24 preps

Kit Component

RL Buffer FARB Buffer Wash 1 Buffer (conc.)
Wash 2 Buffer (conc.) RNase-Free Water
FARB Columns Collection Tube Filter Column

Tissue Total RNA Extraction Mini Kit

(Animal tissue/Cultured cells/ Bacteria/ Yeast)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** Purification of high quality RNA from 25 mg of animal tissues about 40-60 minutes depending upon the sample type.

Tissue Total RNA



Specifications

Sample: 25mg fresh animal tissue,
Up to 1×10^7 animal cultured cells,
Up to 1×10^{10} bacterial cultured cells,
Up to 5×10^8 Yeast cells.

Binding Capacity: Up to 100µg total RNA

Expected Yield : Up to 40µg total RNA

Operation Time: About 40-60 minutes



Order Information

Cat. No.	Product Name	Size
FATRK 001	FavorPrep™ Tissue	50 preps
FATRK 001-1	Total RNA Purification	100 preps
FATRK 001-2	Mini Kit	300 preps

Kit Component

FARB Buffer Wash 1 Buffer Wash 2 Buffer (conc.)
RNase-Free Water FARB Columns
2ml Tubes (for collection) 1.5ml Tubes (for Elution)
Micropestles (RNase Free)

Tissue Total RNA Extraction Midi Kit

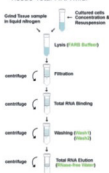
(Animal tissue/Cultured cells/ Bacteria/ Yeast)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** Purification of high quality RNA from 100~300mg of animal tissues about 60 minutes depending upon the sample type.

Tissue Total RNA Midi



Specifications

Sample: 100~300mg fresh animal tissue,
Up to 1×10^7 animal cultured cells,
Up to 1×10^{10} bacterial cultured cells,
Up to 5×10^8 Yeast cells.

Binding Capacity: up to 1mg total RNA

Expected Yield : up to 500µg total RNA

Operation Time: About 60 minutes



Order Information

Cat. No.	Product Name	Size
FATRK 002	FavorPrep™ Tissue	20 preps
FATRK 002-1	Tissue Total RNA Purification Midi Kit	50 preps

Kit Component

FARB Buffer Wash 1 Buffer Wash 2 Buffer (conc.)
RNase-Free Water FARB Columns Filter Columns
RNase-Free Water Micropestles (RNase Free)

Tissue Total RNA Extraction Maxi Kit

(Animal tissue/Cultured cells/ Bacteria/ Yeast)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **3. Time saving:**
 - Mini:** Purification of high quality RNA from 25mg of animal tissues about 40-60 minutes depending upon the sample type.
 - Mid:** Purification of high quality RNA from 100~300 mg of animal tissues about 60 minutes depending upon the sample type.
 - Maxi:** Purification of high quality RNA from 0.5~1g of animal tissues about 60 minutes depending upon the sample type.

Tissue Total RNA Maxi



Order Information

Cat. No.	Product Name	Size
FATRK 003	FavorPrep™ Tissue Total RNA Purification Maxi Kit	10 preps
FATRK 003-1		24 preps

Kit Component

FARB Buffer Wash 1 Buffer Wash 2 Buffer (conc.)
 RNase-Free Water FARB Columns
 2ml Tubes (for collection) 1.5ml Tubes (for Elution)
 Micropestles (RNase Free)

Specifications

Sample: 0.5~1 g fresh animal tissue,
 Up to 1×10^8 animal cultured cells,
 Up to 1×10^{10} bacterial cultured cells,
 Up to 5×10^8 Yeast cells.

Binding Capacity: up to 2.5mg total RNA

Expected Yield : up to 1.5mg total RNA

Operation Time: About 60 minutes

Plant Total RNA Extraction Mini Kit

(Plant tissue/ Plant Cells/ Fungi)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** 30-60 minutes depending upon the sample type.

Plant Total RNA



Order Information

Cat. No.	Product Name	Size
FAPRK 001	FavorPrep™ Plant Total RNA Purification Mini Kit	50 preps
FAPRK 001-1		100 preps
FAPRK 001-2		300 preps
FAPRK 003	FavorPrep™ Plant Total RNA Purification Mini Kit (for Woody Plant)	50 preps
FAPRK 003-1		100 preps

Mini Kit Component

FARB Buffer FARB Wash Buffer Wash 1 Buffer Wash 2 Buffer (conc.)
 RNase-Free Water FARB Columns FARB mini columns 2ml tubes (for collection)

For Woody Plant

FARB-1 Buffer FARB-2 Wash Buffer Wash 1 Buffer Wash 2 Buffer (conc.)
 RNase-Free Water FARB Columns FARB mini columns 2ml tubes (for collection)

Plant Total RNA Extraction Maxi Kit

(Plant tissue/ Plant Cells/ Fungi)



Features

- **High Purity:** OD 260/280: 1.9-2.1
- **Save Use:** It is not necessary to treat the sample with harmful organic solvents such as phenol and chloroform.
- **Time saving:** 30-60 minutes depending upon the sample type.

Plant Total RNA Maxi



Specifications

Sample:	Up to 1g fresh Plant tissues
Binding Capacity:	Up to 6mg total RNA
Expected Yield :	Up to 50~300µg total RNA from young leave
Operation Time:	Within 60 minutes



Order Information

Cat. No.	Product Name	Size
FAPRK 002	FavorPrep™ Plant Total RNA Purification Maxi Kit	10 preps
FAPRK 002-1		24 preps

Kit Component

FARB Buffer FAPRB Wash Buffer Wash 1 Buffer
Wash 2 Buffer (conc.) RNase-Free Water
Filter Columns FARB Maxi columns

FavorPrep™ Viral Nucleic Acid Extraction Kit

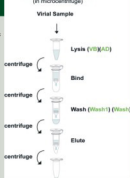


Features

- **High Purity:** Complete removal of contaminants and inhibitors for reliable downstream applications
- **High Speed:** Rapid purification of high-quality viral DNA and RNA within 30minutes
- **Safe Uses:** Eliminates the use of phenol, chloroform, ethidium bromide, and cesium chloride, minimizing exposure to, and disposal of hazardous materials.
- **Scalable protocol:** Solution based procedure can be scaled to suit the application
- **Versatile:** Viral DNA can be extracted from 200µl of plasma, serum, urine, cell-culture, supernatant, or cell-free body fluids.

Brief Procedure

(in microcentrifuge)



Specifications

Sample:	200µl of serum, plasma, bodily fluids, and the supernatant of viral infected cell culture
Elution Volume:	50µl
Expected Recovery:	> 90% recovery
Operation Time:	30 minutes



Order Information

Cat. No.	Product Name	Size
FAVNK 001	FavorPrep™ Viral Nucleic Acid Extraction Kit (for low viral load specimen using carrier RNA)	50 preps
FAVNK 001-1		100 preps
FAVNK 002	FavorPrep™ Viral Nucleic Acid Extraction Kit II (avoiding carrier RNA cross-contamination without using carrier RNA)	50 preps
FAVNK 002-1		100 preps

Kit Component

Carrier RNA VEB Buffer Wash 1 Buffer Wash 2 Buffer RNase-Free Water
VBE Columns 2ml Tube (for Collection) 1.5ml Tube (for Elution)
R1BE
R0 Buffer (concentrated) VBE Buffer Wash 1 Buffer Wash 2 Buffer (conc.)
RNase-Free Water VBE Columns 2.0ml Tube (for Collection)
1.5ml Tube (for Elution)

FavorPrep miRNA Isolation Kit



Features

- **Simple and Easy use:** It is designed for purification of small RNA with minimal contamination from large RNA molecules or genomic DNA.
- **Time saving:** The entire procedure for miRNA isolation is less than 30 minutes
- **Wide Applications:** The purified miRNA can be applied in the following applications: miRNA gene expression, miRNA quantitation, cancer markers, developmental control
- **Sample Size:** Up to 100mg tissue or 1x 10⁸ cultured cells.
- **Format:** Spin Column



Specifications

Sample:	Mammalian Cells (up to 1x 10 ⁸ cells) Mammalian Tissue (up to 5mg) Plant Tissue (up to 100mg) Yeast Cells (up to 2x 10 ⁸ cells) Bacterial Cells (up to 5x 10 ⁸ cells)
Binding Capacity:	~1mg nucleic acid
Expected Yield:	0.5-2ug (varies)
Operation Time:	Within 30 minutes



Order Information

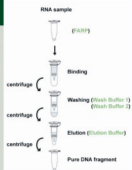
Cat. No.	Product Name	Size
FAMIK 001	FavorPrep™ miRNA Isolation Kit	100 preps
Kit Component		
Lysis Buffer	Acid Pheno Wash Buffer	RNA Column Release Buffer
Collection Tube		

FavorPrep After Tri-Reagent RNA Clean-UP Kit



Features

- **Easy and Simple Procedure:** RNA clean up can be operated directly after the chloroform extraction without isopropanol precipitation.
- **High purity:** OD260/280: 1.9~2.1.
- **Sample Size:** Up to 100µl of RNA sample or enzymatic reaction mixture.
- **Format:** Spin Column



Specifications

Sample:	Up to 100 µl of RNA sample or enzymatic reaction mixture.
Binding Capacity:	Up to 100µg
Expected Recovery :	85~95%
Operation Time:	Within 10 minutes



Order Information

Cat. No.	Product Name	Size
FAATR 001	FavorPrep™ After Tri-Reagent RNA Clean Up Mini Kit	50 preps
FAATR 001-1		200 preps
Kit Component		
FARB Buffer	Wash 1 Buffer	
Wash 2 Buffer (concentrated)	RNase-Free Water	
FARB Mini Columns	2.0ml Tube (for collection)	
1.5ml Tube (for Elution)		

FavorPrep Tri-RNA Reagent



Features

- **Simple and Easy use:** Single-Step for the isolation of total RNA from tissues, cells, bacteria, plants, yeasts and biological fluids.
- **Time saving:** The entire procedure for RNA isolation is less than 60 minutes
- **Wide Applications:** The purified miRNA can be applied in the following applications: RT-PCR, Northern hybridization, RNase protection, Poly-A+RNA selection, Differential display, and Micro-array assay.
- **Sample Size:** Up to 100mg tissue or 1×10^8 cultured cells.
- **Format:** Spin Column

Specifications

Sample:

10ml blood, 10mg tissue, 1×10^8 cultured cells, 1×10^7 of culture plate.
 Mammalian Cells (up to 1×10^8 cells)
 Mammalian Tissue (up to 5mg)
 Plant Tissue (up to 100mg)
 Yeast Cells (up to 2×10^8 cells)
 Bacterial Cells (up to 5×10^8 cells)

Binding Capacity:

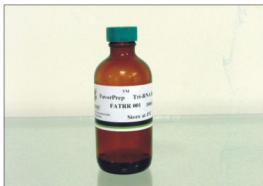
Homogenize tissue samples in 1ml tri-RNA Reagent per 50-100mg tissue using a tissue homogenizer.
 1 ml of the Tri-RNA Reagent per $5-10 \times 10^8$ animal, plant or yeast cells, or per 1×10^8 bacterial cells

Expected Yield :

varies

Operation Time:

Within 60 minutes



Order Information

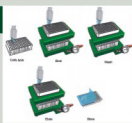
Cat. No.	Product Name	Size
FATRR 001	FavorPrep™ Tri-RNA Reagent	100ml (100 preps)

FavorPrep 96 Well Plasmid Kit



Features

- **High throughput:** It is designed for high throughput plasmid or cosmid DNA from 1-2ml of bacterial cultures, contamination from large RNA molecules or genomic DNA.
- **High Purity:** The modified all-lysine lysis method and centrifugation are used to create cleared cell lysate with minimal genomic DNA and RNA contaminants.
- **Wide Applications:** Fluorescent or radiative sequencing, Restriction Digestion, Library Screening, and Ligation and Transformation.
- **Operations:** by vacuum manifold or by centrifugation



Specifications

Sample:

1-5ml of bacterial culture

Binding Capacity:

Up to 30µg per well
 Elution Volume: 50-100µl

Expected Yield:

20-30µg of high copy plasmid
 3-10µg for low-copy plasmid

Operation Time:

Within 60 minutes

Order Information

Cat. No.	Product Name	Size
FAPWE 001	FavorPrep™ 96-Well Plasmid DNA	4 preps
FAPWE 002-1	Extraction Kit	10 preps

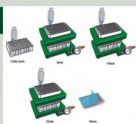
Kit Component		
PDA1 Buffer	PDA2 Buffer	PDA3 Buffer
PDA4 Buffer (conc.)	Elution Buffer	Plasmid Plate
0.35ml Collection Plate	Adhesive Film	
RNase A (50mg/ml)		

FavorPrep 96 Well Genomic DNA Kit



Features

- **High throughput:** It is designed for high throughput total DNADNA from different animal samples including blood, body fluids, tissues, mouse tails, swabs or cultured cells.
- **High Purity:** Using proteinase K and a chaotropic salt, and guanidine hydrochloride to get the purified DNA.
- **Wide Applications:** The eluted DNA is ready to use in different applications: PCR, AFLP, RFLP, Southern Blotting and Real-Time PCR
- **Operations:** by vacuum manifold or by centrifugation



Specifications

Sample:	200µl Fresh/Frozen Blood 25mg tissues 5x 10 ⁶ -10 ⁷ animal cultured cells 1 x 10 ⁸ bacterial cultured cells
Binding Capacity:	Up to 30µg per well
Elution Volume:	50-100µl
Expected Yield:	4-12µg DNA from whole blood 30-40µg from 10 ⁶ cultured cells 5-30µg from 25mg animal tissue
Operation Time:	Within 60 minutes



Order Information

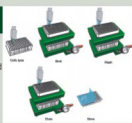
Cat. No.	Product Name	Size
FADWE 001	FavorPrep™ 96-Well Genomic DNA Extraction Kit	4 preps 10 preps
Kit Component		
FATG1 Buffer	FATG2 Buffer	B1 Buffer
Wash Buffer (conc.)	Elution Buffer	Proteinase K
96 Well Genomic DNA Binding Plates		
96 Well Elution Plates (0.35ml) Adhesive Films		

FavorPrep 96-Well Gel/PCR Clean UP DNA Kit



Features

- **High throughput:** It is designed for high throughput, rapid and economical method to purify fragmented DNA.
- **Saving Time:** The entire procedure can be completed in 30 minutes.
- **Wide Applications:** The eluted DNA is ready to use in different applications: restriction digestions, ligation, PCR and sequencing reactions.
- **Operations:** by vacuum manifold or by centrifugation



Specifications

Sample:	UP to 100µl PCR product UP to 300mg agarose gel slice
Binding Capacity:	Up to 10µg per well
Elution Volume:	40-100µl
Expected Recovery Rate:	70~85% for gel extraction 90~95% for PCR clean up
DNA Size:	50bp~10kb
Operation Time:	20 minutes for PCR Clean Up 30 minutes for Gel Extraction



Order Information

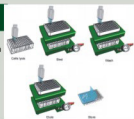
Cat. No.	Product Name	Size
FAPKE 001	FavorPrep™ 96-Well Gel/PCR Clean Up Purification Kit	4 preps 10 preps
Kit Component		
Binding Buffer	Wash Buffer	Elution Buffer
Binding Plate	0.35ml collection plate	
Adhesive Film		

FavorPrep 96 Well Viral DNA/RNA Extraction Kit



Features

- **High throughput:** It is designed for high throughput Viral DNA/RNA from cell-free samples as serum, plasmid body fluids and the supernatant of viral infected cell culture.
- **Wide Applications:** The eluted RNA is ready to use in different applications: PCR, RT-PCR, Real Time PCR and Real-Time RT-PCR
- **Saving Time:** The entire procedure can be completed in 40 minutes/
- **Operations:** by vacuum manifold or by centrifugation



Order Information

Cat. No.	Product Name	Size
FAVRE 001	FavorPrep™ 96-Well	4 preps
FAVRE 002	Viral RNA/DNA Extraction Kit	10 preps
Kit Component		
VEN Lysis Buffer	Adjustment Buffer (conc.)	Wash 1 Buffer
Wash 2 Buffer (Conc.)	RNase Free Water	
96 Well Viral DNA/RNA Binding Plates		
96 Well Lysis Plates	96 Well Elution Plates (0.35ml)	
Adhesive Films		

Specifications

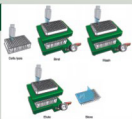
Sample:	Up to 200µl
Binding Capacity:	Up to 60µg per well
Elution Volume:	50-100µl
Expected Yield:	>90% recovery
Operation Time:	Within 40 minutes

FavorPrep 96-Well Total RNA Kit



Features

- **High throughput:** It is designed for high throughput total RNA from animal cultured cells and bacterial cultured cells.
- **Wide Applications:** The eluted RNA is ready to use in different applications: RT-PCR, Quantitative RT-PCR, Differential Display, cDNA Synthesis, Northern Blot Analysis, Primer Extension, mRNA Selection, and Microarrays.
- **Operations:** by vacuum manifold or by centrifugation



Order Information

Cat. No.	Product Name	Size
FATRE 001	FavorPrep™ 96-Well	4 preps
FATRE 002	Total RAN Kit	10 preps
Kit Component		
FARB Buffer	Wash 1 Buffer	Wash 2 Buffer
96 Well RNA Binding Plates		
96 Well Elution Plates (0.35ml)		
RNase Free Water		

Specifications

Sample:	5 × 105 animal tissue 1 × 10 ⁶ bacterial cultured cells 0.3-1ml fresh frozen blood
Binding Capacity:	Up to 60µg per well
Elution Volume:	50-100µl
Expected Yield:	0.5-2µg from blood sample 60µg from cultured cells
Operation Time:	Within 40 minutes



FavorPrep Magnetic Bead System

Product Name	Favor MagBead Plasmid DNA Kit	Favor MagBead Blood DNA Kit
Description	The Favor MagBead Plasmid DNA Kit is designed for the purification of plasmid DNA from 1ml of bacterial culture. The method is based on the concentration of cells from 1 ml of bacterial culture, alkaline lysis of the cells, capture of nucleic acid on the surface of the magnetic silica particles, removal of genomic DNA, RHA, and other non-specifically bound substances by washing and, finally, release of plasmid DNA into the release buffer. Purified plasmid DNA with a good A260/A280 ratio can be used directly in restriction digestion, cloning, PCR and qPCR assays. This kit is adaptable to various magnetic separators and to most automated nucleic-acid purification systems.	The Favor MagBead Genomic DNA Kit is designed for the isolation of genomic DNA from bacterial culture, cell culture, blood, and tissue. The method is based on the concentration of cells from 1ml of bacterial culture (or an equivalent amount of cell culture, blood, or tissue), lysis of the cells, capture of nucleic acid on the surface of the magnetic silica particles, removal of RHA and other non-specifically bound substances by washing and, finally, release of genomic DNA into the release buffer. Purified genomic DNA with a good A260/A280 ratio can be used directly in restriction digestion, cloning, PCR and qPCR assays. This kit is adaptable to various magnetic separators and to most automated nucleic-acid purification systems.
Features	1.Purification of Plasmid DNA from bacterial culture 4.Purification of genomic DNA from bacterial culture, cell culture, blood, or tissue 6.Time-and-labor saving	2.Magnetic bead technology 3.Time-and-labor saving 5.Magnetic bead technology
Sample Source:	Bacterial culture	Whole blood, Bacterial culture, Cell culture, or Tissue
Sample Size:	Up to 1ml of bacterial culture	Up to 1ml of bacterial culture (or an equivalent amount of cell culture, blood, or tissue)
Typical Yield:	µg quantities	µg quantities
Operation Time	Within 50 minutes, but depends upon the sample type	Within 50 minutes, but depends upon the sample type
Applications:	PCR, qPCR, DNA Cloning, Restriction Enzyme Digestion	PCR, qPCR, DNA Cloning, Restriction Enzyme Digestion
Required Material:	Ethanol, Micro-Centrifuge, Magnetic Separator, Water Bath or Dry Bath	Ethanol, Micro-Centrifuge, Magnetic Separator, Water Bath or Dry Bath
Cat. #	FAADK 001	FAAGK 001



FavorPrep Magnetic Bead System

Product Name	Favor MagBead Total RNA Kit	Favor MagBead Viral DNA/RNA Kit
Description	The Favor MagBead Total RNA Kit is designed for the purification of total RNA from 1 ml of bacterial culture or 3 ml of whole blood. The method is based on the concentration of cells from 1 ml of bacterial culture or 3 ml of whole blood, lysis of cells, capture of nucleic acid on the surface of the magnetic silica particles, removal of non-specifically bound material by washing and, finally, release of RNA into the release buffer. The purified total RNA can be used directly in RT-PCR and qRT-PCR assays. This kit is adaptable to various magnetic separators and to most automated nucleic-acid purification systems.	The Favor MagBead Viral DNA/RNA kit is designed for the simultaneous purification of viral DNA and RNA from 1 ml of serum. The method is based on the concentration of viral particles from 1 ml of serum, lysis of the viral particles, captures of viral DNA/RNA on the surface of the magnetic silica particles and, finally, release of DNA/RNA into the release buffer. The purified viral DNA/RNA can be used directly in RT-PCR and qRT-PCR assays. The protocol can be used to purify 10 ⁹ copies of viral DNA/RNA from 1 ml of serum within 50 minutes. This kit is adaptable to various magnetic separators and to most automated nucleic-acid purification systems.
Features	1.Purification of Total RNA from bacterial culture, or blood. 3.Time-and-labor saving 4.Purification of viral DNA/RNA from serum. 6.Time-and-labor saving	2.Magnetic bead technology 5.Magnetic bead technology
Sample Source:	Bacterial culture Whole blood	serum
Sample Size:	Up to 1 ml of bacterial culture Up to 3 ml of whole blood	Up to 1 ml of serum
Typical Yield:	µg quantities	10 ¹⁰ copies of viral DNA/RNA
Operation Time	Within 50 minutes, but depends upon the sample type	Within 50 minutes,
Applications:	RT-PCR, qRT-PCR	RT-PCR, qRT-PCR
Required Material:	Ethanol, Micro-Centrifuge, Magnetic Separator, Water Bath or Dry Bath	Ethanol, Micro-Centrifuge, Magnetic Separator, Water Bath or Dry Bath
Cat. #	FAMRK 001	FAMVK 001



Q & A: Nucleic Acid Extraction Kits

I. Re: Expired Date

Q1: How long is the shelf life for each one of nucleic acid extraction kits?

A1: kits are with Enzymes: Plasmid DNA Extraction Kits (w/ RNase A) / Genomic DNA Extraction Kits (w/ Proteinase K or Protease)

Please tell your customer the expired date is production date plus 12 months. For example, the expired date for the Lot Number 0066001 should be June 30, 2009. Kit with enzymes are suitable for at least 1 year after delivery when stored at room temperature 15-25°C. For storage longer than 1 year or if ambient temperature often exceed 25°C, please suggest users to take out the enzymes to store the enzymes at 2-8°C (or for longer life at -20°C).

kits are without Enzymes: Total RNA Extraction Kits / Gel Purification Kits / PCR Clean up Kits / GEL-PCR Purification Kits / Viral RNA-DNA Extraction kits

Please tell your customer the expired date is production date plus 24 months. For example, the expired date for the Lot Number 0066001 should be June 30, 2010.

II. Re: Storage Condition

Q2: The label states that 'Storage: Be stored at room temperature (15-25°C), RNase A should be kept at -20°C, upon receipt' Not only RNase A but also Proteinase K or some other buffers need to be stored at specific temperature. The question is can we leave at room temperature (15-25 degree) before we open the extraction kits (use the extraction kit)?

A2: The whole kit has better to be kept at 15-25°C. The components, Proteinase K and RNase A need to be store at 2-8°C (For longer life at -20°C). If the distributors want to stock the kits, he can keep the whole kit with the special components at 15-25°C without any problems. If the distributors don't tear off the Seal Label, don't open the kit and store the kit at the correct environment, the kits could have the shelf life as long as we announce. When the kit is sold to the users, please ask them to take the special components out from the box to keep at 2-8°C (for longer life at -20°C); especially, they have used these components.

III. Re: Plasmid DNA Extraction Kit

Q3: In the market, some Plasmid DNA Extractions are equipped with silica Gel, but some kits are equipped with the silica membrane. What are the differences between these two systems? How should we suggest users to make correct selection?

A3:(1) Silica Gel (Ion Exchange) and Silica Membrane are two different systems. Both of them can exist at same time. There is no need to replace each other. You can suggest your customer to make the best collection according to their need and budget.

(2) Silica Gel (Ion Exchange) and Silica Membrane had different features. Please suggest your customers to make selection based on the features.

A. Silica Gel (Ion Exchange):

<a> > Advantage: It can purify higher Plasmid DNA from a large scale of sample. (ratio > 1:8) If the users prefer to purify the same DNA, they can reuse the extraction columns. And then, the cost would be more economic.

 > Disadvantage: Comparing to Silica Membrane, the silica gel needs longer operation time.

B. Silica Membrane

<a> > Advantage: Shorter operation time and less expensive than the silica gel.

 > Disadvantage: Comparing to silica gel, the purity is much lower.

Q4: Does Favorgen have the extraction kits with silica gel (ion exchange)?

A4: Favorgen Plasmid DNA Extraction Midi/Maxi Kit with Ion Exchange

Q5: What are the differences between Plasmid DNA Maxi Kit (FAPE 803) and Filter Plasmid DNA Extraction Maxi Kit (FAFTE 001)? Can Filter plasmid DNA Extraction kit process larger sample or get higher purified products?

A5: Actually, the kits have the same yield rate, sample size, and purity. The only one difference between these two kits is the operation procedure.

For Plasmid DNA Extraction Maxi Kit (FAPE 003), you need to centrifuge after the cell lysis. But, Filter Plasmid DNA Extraction Maxi Kit (FAFTE 001) equipped with a syringe can save the centrifuge step. Comparing with FAPE 003, FAFTE 001 can save 20-30 minutes. Total operation procedure can be done around 100 minutes.

IV. Re: GEL/PCR Purification Kit

Q6: What difference is there between GEL Purification Kit (FAGPK) and GEL/PCR Purification Kit (FAGCK)?

A6: Favorgen Gel + PCR 2 in 1 purification kit is designed especially for the convenient/quick-check. Based on this kit, users use buffer at a specific fixed volume, no matter how much sample is loaded. But Favorgen Gel Purification Kit or PCR Clean up Kit asks the user to use buffer depending the sample size. Larger samples needs buffer at larger volume. Of course, by the correct buffer volume, the user will get the higher yield rate and higher purity than the users use the Gel/PCR Purification (2 in 1) Kit. If users want to have the same yield rate or purity from Gel/PCR 2 in 1 purification kit same as he get from Gel Purification Kit or PCR Clean Up Kit, please suggest them to follow up the protocol of the Gel or PCR purification Kit. But by doing this, the buffer will used up more quickly than the spin columns do. In the other words, the kit will leave some columns when the buffer is used up. However, please let your users know that Gel/PCR 2 in 1 purification kit doesn't have the same yield rate and purity as the Gel or PCR purification kit. If they ask strictly about the yield rate or purity, please do suggest them to buy the Gel or PCR purification kit.

P. S. Explanation for the price difference between GEL Purification Kit (FAGPK) and GEL/PCR Purification Kit (FAGCK)

Lysis Buffer 240ml for 100 preparations of Favorgen Gel/PCR 2 in 1 purification kit

Lysis Buffer 250ml for 200 preparations of Gel Purification Kit or PCR Clean up Kit.

The cost of Lysis Buffer is very expensive. Cost of Lysis Buffer shares a lot portion.

Q7: What is the difference between FAGCK001 and FAEPK001 Kit (Gel/PCR purification kit)?

A7: FAEPK001 can obtain 10x high concentration of DNA for further experiment.

Q8: Do you have a kit for gel extraction of bands 26kb or more? What is the minimum size that the gel purification kit be used with (eg. 53bp band)?

A8: The yield rate for DNA size at 700bp ~12kb extracted by Favorgen Gel Purification Kit is very good. The DNA band at 20kb or 53bp also can be extracted by this kit, but its yield rate is very low.

V. Re: Genomic DNA Extraction Kit

Q9: Favorgen Blood Genomic Extraction kits use different enzymes. What is the difference between these enzymes?

A9: The following message is very important for your promoting Favorgen Blood Genomic Extraction Kits. Please let your sales know.

Comparison between Qiagen Genomic about Blood Genomic Extraction Kits

FAFCK 001 & FAFCK 001-1 FavorPrep™ Blood Genomic DNA Extraction Mini Kit,

FABCK 002 & FABCK 002-1 FavorPrep™ Blood Genomic DNA Extraction Midi Kit,

FABCK 003 & FABCK 003-1 FavorPrep™ Blood Genomic DNA Extraction Maxi Kit

with Proteinase K

1. Proteinase K can be used for frozen blood, fresh blood or dried blood.

2. Proteinase K is much more expensive than Lysis Buffer or Protease

3. Proteinase K has a short operation time: Breaking cell more quickly than using by Protease or Lysis buffer

4. Proteinase K can get a higher purity

5. Proteinase K has more wide applications than Protease and Lysis Buffer

FAFCK 002-3 & FABCK 002-4 FavorPrep™ Blood Genomic DNA Extraction Midi Kit

FABCK 003-3 & FABCK 003-4 FavorPrep™ Blood Genomic DNA Extraction Maxi Kit

Product Name	Recommended Culture Volume		Expected Yield
	High Copy Plasmid	Low Copy Plasmid	
Plasmid DNA Midi Kit	100-200ug	25-100ug	up to 200ug
Plasmid DNA Maxi Kit	300-500ug	50-250ug	up to 500ug
Filter Plasmid DNA Maxi Kit	300-500ug	50-250ug	up to 500ug

	Qiagen	Favorgen
Blood Genomic Extraction Mini Kit	Kit using Proteinase K	Kit using Proteinase K Kit using RBC Lysis Buffer
Blood Genomic Extraction Midi Kit	Kit using Proteinase	Kit using Protease Kit using Proteinase K
Blood Genomic Extraction Maxi Kit	Kit using Proteinase	Kit using Protease Kit using Proteinase K

with Protease

1. Protease can be used for frozen blood, fresh blood or dried blood.
2. Protease is less expensive than Proteinase K.
3. Protease needs a longer operation time than Proteinase K; Protease can't break cell directly. In the procedure, users have to add one more solution to break cell. Therefore, the operation time is much longer than Proteinase K.
4. The most important thing is that it can get the same purity as Proteinase K does.
5. Protease has less wide applications than Proteinase K.

FABGK 004 & FABGK 004-1 FavorPrep™ Blood Genomic DNA Extraction Mini Kit

with Lysis Buffer

1. Lysis buffer only can be used for fresh blood.
2. Lysis buffer is cheaper than Proteinase K and Protease
3. Lysis buffer needs a longer operation time than Proteinase K or Protease; Lysis buffer can't break cell directly. In the procedure, the users have to add one more solution to break cell. Therefore, the operation time is much longer than Proteinase K or Protease.

But the yield rate and purity of Lysis Buffers lower than Proteinase K or Protease, but it is much cheaper

Q10: Ret Tissue Genomic DNA Extraction Mini Kit (FATGK) Time for completing the whole procedure ranges from an hour to two hours. Which sample requests the longest time for the treatment?

A10: The sample contains more connective tissues, the longer operation time it takes. Please see the examples as follows:

Longer operation time: 1). Mouse Tail, 2). Lung, 3). Heart, and 4). Muscle Shorter operation time: 1). Liver, 2). Brain, 3). Kidney, 4). Blood, 5). Buffy coat, 6). Cultured cells, and 7). Bacterial cells

Q11: Can FavorPrep Tissue Genomic DNA Extraction Kit be used for extraction of DNA from Tracheal swabs?

A11: FavorPrep Tissue Genomic DNA Kit can be used for extraction of DNA from Tracheal swabs. But we need to add some steps onto the protocol for getting the tissue from the swab correctly. Upon receipt of your confirmation, we will send you a revised protocol for the FavorPrep Tissue Genomic DNA Extraction Kit to do DNA extraction from Tracheal swabs.

Q12: Do you have any kits for the extraction as below

1. DNA from Dry blood spots
2. RNA from dry blood spots
3. DNA from breast milk
4. RNA from breast milk

A12:

(1) FavorGen Cat No: FATGK 001002 (Tissue Genomic DNA Mini Kit) is adaptable for DNA extraction from dried blood spot & breast milk.

Please refer to the protocol of FATGK 001002. You can find that the operation procedure for DNA extraction from the dried blood spot. We still can use this kit of FATGK 001002 for DNA extraction from breast milk, but we will provide a new protocol for this operation procedure in case of need from customer.

(2) FavorGen Cat No: FABRK 001, 001-1 (Blood/Cultured Cell Total Mini Kit) is adaptable for RNA extraction from dried blood spot & breast milk.

But the yield of RNA will depend on the sample stability and storage condition. If user wants to proceed these sample (dried blood & breast milk) to extract RNA, we have to offer this two special protocols

Q13: Tissue Genomic DNA extraction mini kit (FATGK) can use for extract DNA from FFPE. Is it necessary to de-paraffin beforehand?

A13: Yes, it is necessary to de-paraffin beforehand. Generally, there are two types of samples as below.

I. For paraffin-embedded tissues

1. Cut up to 25 mg paraffin-embedded tissue sample to a microcentrifuge tube(not provided).
2. Add 1 ml xylene, mix well and incubate at room temperature for 30 min. Centrifuge at full speed for 5 min. Remove the supernatant by pipetting. Add 1 ml ethanol (96 ~ 100%) to the deparaffined tissue, mix gently by vortexing.
3. Centrifuge at full speed for 5 min. Remove the supernatant by pipetting.
4. Add 1 ml ethanol (96 ~ 100%) to the deparaffined tissue, mix gently by vortexing.
5. Centrifuge at full speed for 5 min. Remove the supernatant by pipetting.
6. Incubate at 37°C for 10 min to evaporate ethanol residue.

7. Grind the tissue sample with micropestle or liquid nitrogen and follow the General Protocol starting from step 2.

II. For formalin-fixed tissues

1. Wash 25mg tissue sample twice with 1 ml PBS to remove formalin.
2. Grind the tissue sample with micropestle or liquid nitrogen and follow the General Protocol starting from step 2.

VI. Re: Total RNA Extraction Kit

Q14: Ret Tissue Total RNA Purification Kit (FATRK). 1) How much Genome DNA contamination is observed after using Tissue Total RNA (kit) 2. When they need higher purified product, do you recommend using TRIzol? (Of course, on catalog, it is mentioned that extracted total RNA is suitable for direct use of various downstream application. But, the customer is currently using TRIzol to further purify total RNA. In my understanding, on FavorGen's catalog, there is Tri-RNA Reagent (FATRE001) which is quite similar to TRIzol. Is it possible to use Tri-RNA Reagent to further purify total RNA after the extraction?)

A14: 1. Genomic DNA can't be observed in Gel. Its OD value is same as RNA's OD. All kits will get the same result. The Genomic DNA always still exist after the RNA purification. FavorGen Total RNA Purification Kit is very good to get the low Genomic DNA contamination. If you need the Genomic DNA free, you have to use the DNase I to clear up all of the Genomic DNA contamination. 2. Tri-RNA Reagent is similar to your TRIzol. Actually, these products can purify a large sample to get higher yield but can't get higher purity. If you want to have higher purity, you recommend FavorPrep [After-Tri-Reagent RNA Clean Up Kit](#) to have higher purity after Tri-Reagent or TRIzol.

Q15: Ret Plant Total RNA Mini kit (for Woody Plant) (FAPRP001). What is the difference between Plant Total RNA Mini kit? What kind of samples can we use for FAPRP001? If you could provide some example of the usage, that would help.

A15: Our FAPRP 003 & 003-1 is specially designed for the plant with many fibers, such as the Palm, Fruit Tree (Apple). This kit needs one more step than FAPRP FARR 001 or 002 to deal with the Fibres.

Q16: Ret Total RNA Extraction kit. Is DNase I included in the kit? My customer needs the DNase I for the Total RNA Extraction Kit.

A16: So far, all of FavorGen RNA mini kit doesn't include DNase I. The price for the RNA mini kit doesn't include DNase I. The reason why we don't include DNase I in the kit is because DNase I has to be stored at -20. Actually we provide the DNase I for all of RNA kits.

FavorGen RNA Extraction Kit doesn't include DNase I. But we can offer the DNase I for the customers. User needs to buy DNase I separately. 1 reaction needs 3 units of DNase I. Therefore, if you buy a kit with 50 reactions, you need to buy additional 3 vials of DNase I (5000U), total 1,500 units.

VII. Re: Viral RNA/DNA Extraction Kit

Q17: What is the difference between Viral Nucleic Acid Extraction Kit I and Kit II?

A17: Kit I is specially design for low viral load specimen. Kit II is specially designed to avoid carrier RNA cross-contamination. If you users adopt the Qiagen's format, please suggest FavorGen Viral Nucleic Acid Extraction Kit I for them to replace.

Q18: May I know which viral nucleic acid extraction kit, I or II, is more suitable to extract RNA for HCV PCR detection? What is the benefit of carrier RNA in the kit?

A18: Both of two kits are suitable to extract RNA for HCV PCR detection. Kit I is specially designed for low viral load specimen. Kit II is specially designed to avoid carrier RNA cross-contamination. So, when the titer is very low, we need carrier RNA in the kit.

VIII. Re: After Tri-RNA Extraction Kit

Q19: Is Favor Tri-RNA reagent suitable for wide range of samples e.g. blood, serum, plasma, body fluid, urine and comesa or please suggest a kit?

A19:

(1). Yes, Favor-Tri-RNA reagent is suitable for wide range. But this reagent can not get a very good purity. So, we suggest that if you want to get high purity, you need to use FavorGen [After-Tri-Reagent RNA Extraction Kit](#). Please refer to the attachment.

(2). Meanwhile, we recommend FavorPrep Blood/Cultured Cell Total RNA Purification Mn & Mix kit. This kit can be used widely and also can get high purity

IX. Re: Collection Tubes

Q20: Ret Tubes. Is it possible for user to use the collection tubes as the regular tubes in his daily experiment?

A20: No. The collection tubes in the kit are specially designed for collection of flow-through columns. It is not for the centrifugation in the lab.



Nucleic Acids Extraction

Spin Column System

1.1 Column System: Plasmid DNA

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAPDE 001	FavoPrep™ Plasmid DNA Extraction Mini Kit	0.7y: 100preps. Yield: up to 30µg of high-copy plasmids	1 year	15-25 °C
FAPDE 001-1	FavoPrep™ Plasmid DNA Extraction Mini Kit	0.7y: 300preps. Yield: up to 30µg of high-copy plasmids	1 year	15-25 °C
FAPDE 002	FavoPrep™ Plasmid DNA Extraction Midi Kit	0.7y: 25preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FAPDE 002-1	FavoPrep™ Plasmid DNA Extraction Midi Kit	0.7y: 50preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FAPDE 002-EF	FavoPrep™ EndoToxinFree Plasmid DNA Extraction Midi Kit	0.7y: 10preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FAPDE 003	FavoPrep™ Plasmid DNA Extraction Maxi Kit	0.7y: 10preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FAPDE 003-1	FavoPrep™ Plasmid DNA Extraction Maxi Kit	0.7y: 20preps (Ion Exchange, High Yield/Purity/yield up to 1mg)	1 year	15-25 °C
FAPDE 003-EF	FavoPrep™ EndoToxinFree Plasmid DNA Extraction Maxi Kit	0.7y: 10preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FATTE 001	FavoPrep™ FavoFilter Plasmid DNA Extraction Maxi Kit	0.7y: 4preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FATTE 001-1	FavoPrep™ FavoFilter Plasmid DNA Extraction Maxi Kit	0.7y: 10preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C
FATTE 001-EF	FavoPrep™ FavoFilter Extraction Free Plasmid DNA Extraction Maxi Kit	0.7y: 4preps (Ion Exchange, High Yield/Purity)	1 year	15-25 °C

1.2 Column System: DNA Clean UP

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAGCK 001	FavoPrep™ GEL/PCR Purification Mini Kit	0.7y: 100preps.	1 year	15-25 °C
FAGCK 001-1	FavoPrep™ GEL/PCR Purification Mini Kit	0.7y: 300preps.	1 year	15-25 °C
FAPCK 001	FavoPrep™ PCR Clean-Up Mini Kit	0.7y: 50preps.	1 year	15-25 °C
FAPCK 001-1	FavoPrep™ PCR Clean-Up Mini Kit	0.7y: 200preps.	1 year	15-25 °C
FAGPK 001	FavoPrep™ GEL Purification Mini Kit	0.7y: 50preps.	1 year	15-25 °C
FAGPK 001-1	FavoPrep™ GEL Purification Mini Kit	0.7y: 200preps.	1 year	15-25 °C
FAMPK 001	FavoPrep™ MicroElute PCR Clean Up Kit	0.7y: 50preps.	1 year	15-25 °C
FAMPK 001-1	FavoPrep™ MicroElute PCR Clean Up Kit	0.7y: 200preps.	1 year	15-25 °C
FAMMK 001	FavoPrep™ MicroElute GEL Purification Kit	0.7y: 50preps.	1 year	15-25 °C
FAMMK 001-1	FavoPrep™ MicroElute GEL Purification Kit	0.7y: 200preps.	1 year	15-25 °C
FAEPK 001	FavoPrep™ MicroElute GEL/PCR Purification Kit	0.7y: 50preps.	1 year	15-25 °C
FAEPK 001-1	FavoPrep™ MicroElute GEL/PCR Purification Kit	0.7y: 200preps.	1 year	15-25 °C

1.3 Column System: Genomic DNA---1. Blood Gnomix

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FABGK 001	FavoPrep™ Blood Genomic DNA Extraction Mini Kit (for mid applications and simple procedure)	0.7y: 50preps. Proteinase K Powder	1 year	15-25 °C
FABGK 001-1	FavoPrep™ Blood Genomic DNA Extraction Mini Kit (for mid applications and simple procedure)	0.7y: 100preps. Proteinase K Powder	1 year	15-25 °C
FABGK 001-1	FavoPrep™ Blood Genomic DNA Extraction Mini Kit (for mid applications and simple procedure)	0.7y: 300preps. Proteinase K Powder	1 year	15-25 °C
FABGK 100	FavoPrep™ Blood Genomic DNA Extraction Mini Kit	0.7y: 100preps.	1 year	15-25 °C
FABGK 300	FavoPrep™ Blood Genomic DNA Extraction Mini Kit	0.7y: 300preps.	1 year	15-25 °C

1.3 Column System: Genomic DNA---2. Tissue Gnomix

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FATGK 001	FavoPrep™ Tissue Genomic DNA Extraction Mini Kit	0.7y: 50preps. Proteinase K Powder	1 year	15-25 °C
FATGK 001-1	FavoPrep™ Tissue Genomic DNA Extraction Mini Kit	0.7y: 100preps. Proteinase K Powder	1 year	15-25 °C
FATGK 001-2	FavoPrep™ Tissue Genomic DNA Extraction Mini Kit	0.7y: 300preps. Proteinase K Powder	1 year	15-25 °C

1.3 Column System: Genomic DNA---3. Plant Gnomix

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAPGK 001	FavoPrep™ Plant Genomic DNA Extraction Mini Kit	0.7y: 50preps.	1 year	15-25 °C
FAPGK 001-1	FavoPrep™ Plant Genomic DNA Extraction Mini Kit	0.7y: 100preps.	1 year	15-25 °C
FAPGK 002	FavoPrep™ Plant Genomic DNA Extraction Maxi Kit	0.7y: 10preps.	1 year	15-25 °C
FAPGK 002-1	FavoPrep™ Plant Genomic DNA Extraction Maxi Kit	0.7y: 24preps.	1 year	15-25 °C

1.3 Column System: Genomic DNA---4. Stool Gnomix

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FASTI 001	FavoPrep™ Stool DNA Isolation Mini Kit	0.7y: 50preps. Proteinase K	1 year	Store at room temperature 15-25 °C for 1 year except
FASTI 001-1	FavoPrep™ Stool DNA Isolation Mini Kit	0.7y: 100preps. Proteinase K		

1.3 Column System: Genomic DNA---5. Soil Gnomix

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FASOI 001	FavoPrep™ Soil DNA Isolation Mini Kit	0.7y: 50preps.	1 year	15-25 °C
FASOI 001-1	FavoPrep™ Soil DNA Isolation Mini Kit	0.7y: 100preps.	1 year	15-25 °C
FASOI 002	FavoPrep™ Soil DNA Isolation Midi Kit	0.7y: 24preps.	1 year	15-25 °C

1.4 Column System: Total RNA---1. Blood RNA

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FABRK 001	FavorPrep™ Blood /Cultured Cell Total RNA Mini Kit	07lye, 50preps.	1 year	15-25 °C
FABRK 001-1	FavorPrep™ Blood /Cultured Cell Total RNA Mini Kit	07lye, 100preps.	1 year	15-25 °C
FABRK 001-2	FavorPrep™ Blood /Cultured Cell Total RNA Mini Kit	07lye, 300preps.	1 year	15-25 °C
FABRK 003	FavorPrep™ Blood /Cultured Cell Total RNA Maxi Kit	07lye, 10preps.	1 year	15-25 °C
FABRK 003-1	FavorPrep™ Blood /Cultured Cell Total RNA Maxi Kit	07lye, 24preps.	1 year	15-25 °C

1.4 Column System: Total RNA---2. Tissue RNA

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FATRK 001	FavorPrep™ Tissue Total RNA Mini Kit	07lye, 50preps.	1 year	15-25 °C
FATRK 001-1	FavorPrep™ Tissue Total RNA Mini Kit	07lye, 100preps.	1 year	15-25 °C
FATRK 001-2	FavorPrep™ Tissue Total RNA Mini Kit	07lye, 300preps.	1 year	15-25 °C
FATRK 003	FavorPrep™ Tissue Total RNA Maxi Kit	07lye, 10preps.	1 year	15-25 °C
FATRK 003-1	FavorPrep™ Tissue Total RNA Maxi Kit	07lye, 24preps.	1 year	15-25 °C

1.4 Column System: Total RNA---3. Plant RNA

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAPRK 001	FavorPrep™ Plant Total RNA Mini Kit	07lye, 50preps.	1 year	15-25 °C
FAPRK 001-1	FavorPrep™ Plant Total RNA Mini Kit	07lye, 100preps.	1 year	15-25 °C
FAPRK 001-2	FavorPrep™ Plant Total RNA Mini Kit	07lye, 300preps.	1 year	15-25 °C
FAPRK 002	FavorPrep™ Plant Total RNA Maxi Kit	07lye, 10preps.	1 year	15-25 °C
FAPRK 002-1	FavorPrep™ Plant Total RNA Maxi Kit	07lye, 24preps.	1 year	15-25 °C
FAPRK 003	FavorPrep™ Plant Total RNA Mini Kit (for Woody Plant)	07lye, 50preps.	1 year	15-25 °C
FAPRK 003-1	FavorPrep™ Plant Total RNA Mini Kit (for Woody Plant)	07lye, 100preps.	1 year	15-25 °C

1.4 Column System: Total RNA---4. Viral RNA/DNA

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAVNK 001	FavorPrep™ Viral Nucleic Acid Extraction Kit I (for low viral load specimen using carrier RNA)	07lye, 50preps. Carrier RNA	1 year	15-25 °C
FAVNK 001-1	FavorPrep™ Viral Nucleic Acid Extraction Kit I (for low viral load specimen using carrier RNA)	07lye, 100preps. Carrier RNA	1 year	15-25 °C
FAVNK 001-2	FavorPrep™ Viral Nucleic Acid Extraction Kit I (for low viral load specimen using carrier RNA)	07lye, 300preps. Carrier RNA	1 year	15-25 °C
FAVNK 002	FavorPrep™ Viral Nucleic Acid Extraction Kit II (avoiding carrier RNA cross-contamination without using carrier RNA)	07lye, 50preps. VB Lysik Buffer	1 year	15-25 °C
FAVNK 002-1	FavorPrep™ Viral Nucleic Acid Extraction Kit II (avoiding carrier RNA cross-contamination without using carrier RNA)	07lye, 100preps. VB Lysik Buffer	1 year	15-25 °C
FAVNK 002-2	FavorPrep™ Viral Nucleic Acid Extraction Kit II (avoiding carrier RNA cross-contamination without using carrier RNA)	07lye, 300preps. VB Lysik Buffer	1 year	15-25 °C

1.5 Column System: After Tri-Reagent

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAATR 001	FavorPrep™ RNA Purification Mini Kit (After Tri-Reagent)	07lye, 50preps.	1 year	15-25 °C
FAATR 001-1	FavorPrep™ RNA Purification Mini Kit (After Tri-Reagent)	07lye, 200preps.	1 year	15-25 °C

96 Well Plate System

2. 96-Well System

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAP96 001	FavorPrep™ 96-well P13ag-Id DNA Extraction Kit	07lye, 49plates	1 year	15-25 °C
FAP96 002	FavorPrep™ 96-well P13ag-Id DNA Extraction Kit	07lye, 10plates	1 year	15-25 °C
FAD96 001	FavorPrep™ 96-well Genomic DNA Extraction Kit	07lye, 49plates	1 year	15-25 °C
FAD96 002	FavorPrep™ 96-well Genomic DNA Extraction Kit	07lye, 10plates	1 year	15-25 °C
FAP96 001	FavorPrep™ 96-well GEF/PCR Clean Up Purification Kit	07lye, 49plates	1 year	15-25 °C
FAP96 002	FavorPrep™ 96-well GEF/PCR Clean Up Purification Kit	07lye, 10plates	1 year	15-25 °C
FATRE 001	FavorPrep™ 96-well Total RNA Kit	07lye, 49plates	1 year	15-25 °C
FATRE 002	FavorPrep™ 96-well Total RNA Kit	07lye, 10plates	1 year	15-25 °C
FAVRE 001	FavorPrep™ 96-well Viral RNA/DNA Extraction Kit	07lye, 49plates	1 year	15-25 °C
FAVRE 002	FavorPrep™ 96-well Viral RNA/DNA Extraction Kit	07lye, 10plates	1 year	15-25 °C

Magnetic Beads System

3 Magnetic Bead System

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FAMVK 001	FavorBead™ Viral DNA/RNA Kit	07lye, 489ns.	1 year	15-25 °C
FAMGK 001	FavorBead™ Genomic DNA Kit	07lye, 489ns.	1 year	15-25 °C
FAMPK 001	FavorBead™ Plus mid DNA Kit	07lye, 489ns.	1 year	15-25 °C
FARK 001	FavorBead™ Total RNA Kit	07lye, 489ns.	1 year	15-25 °C
FAMMR 001	FavorBead™ miRNA solution Kit	07lye, 489ns.	1 year	15-25 °C
FAMGP 001	FavorBead™ Ge/PCR Fragments Kit	07lye, 489ns.	1 year	15-25 °C

4 Reagents System

Cat. No.	Product Name	Content	Shelf Life	Storage Temperature
FANUC 001	FavorPrep™ Nucanier	Volume: 500µl Applications: 100	1 year	4 °C
FATRR 001	Tri-RNA reagent	Volume: 100ml	1 year	4 °C
FARSS 001	RNA Stabilization Solution	Volume: 100ml	1 year	4 °C
FAMIK 001	miRNA lysis kit	Rnns: 100	1 year	4 °C

Consumable Parts for Nucleic Acid Extraction Kits

96 Well Plates

Cat. No.	Product Name	Q'ty	Appropriate Kit	Application
96 well Plasmid DNA Kit				
EP001	96 well Sterilized Plates	1	FAPIWE 001	Binding plates: 96 well plasmid DNA extraction
EP001	96 well Elution Plates (0.35ml)	1	FAPIWE 006	96 well plasmid DNA extraction
			FAPIWE 002	
			FAPIWE 001	96 well gel extraction/PCR clean up/ DNA clean up
			FAPIWE 002	
96 well GEL-PCR Clean-Up Purification kit				
EP002	96 well DNA Binding Plates	1	FAPIWE 001	96 well gel extraction/PCR clean up/ DNA clean up
96 well Genomic DNA Extraction Kit				
EP003	96 well Genomic DNA Binding Plates	1	FAPIWE 001	96 well genomic DNA extraction
EP002	96 well Elution Plates (1.0 ml)	1	FAPIWE 001	96 well genomic DNA extraction
EP002-R	96 well Elution Plates-R (0.35ml)	1	FAPIWE 001	96 well total RNA extraction
FAURE 002				
FAURE 001	96well viral RNA/DNA extraction			
FAURE 002				
EP003-R	96 well lysis Plates-R (1.0 ml)	1	FAURE 001	96well viral RNA/DNA extraction
FAURE 002				
FAPIWE 002				
96 well Total RNA Kit				
EP004-R	96 well RNA Binding Plates	1	FAIWE 001	96 well total RNA extraction
96well Viral RNA/DNA Extraction Kit				
EP005-R	96 well Viral RNA/DNA Binding Plates	1	FAIWE 002	96 well viral RNA/DNA extraction
			FAIWE 001	

Columns

Cat. No.	Product Name	Q'ty	Appropriate Kit	Application
Plasmid DNA Extraction				
RC010-R	Mini Column	100	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale Plasmid DNA
RC010-R	Mini Filter Columns	10	FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale Plasmid DNA
RC010-L	Mini Filter Columns	10	FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale Plasmid DNA
FC045	Flow-Through Mini Columns	4	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale extraction flow-through DNA
GEL-Purification/PCR Clean-Up				
RC010-L	Mini Column	10	FAIUR 001 FAIUR 002	Binding columns: Gel DNA extraction
RC010-L	Mini Column	10	FAIUR 001 FAIUR 002	Binding columns: PCR clean up/ DNA clean up
RC010-L	Mini Column	10	FAIUR 001 FAIUR 002	Binding columns: Gel DNA extraction/PCR clean up/ DNA clean up
Mini-Gel/PCR Purification				
RC010	Mini Column	100	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale Gel DNA extraction/PCR clean up/ DNA clean up
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale Gel DNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale PCR clean up/ DNA clean up
Bound / Unbound Columns				
RC010-L	FAPI01 Column	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale bound, unbound and generic DNA extraction
RC010-L	FAB0 Filter Columns	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Flow-through bound, unbound and generic DNA extraction
Tissue Genomic DNA				
RC010-L	FAPI01 Column	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale tissue genomic DNA extraction
Plasmid Genomic DNA				
RC010-L	FAPI01 Column	10	FAPI01-01 FAPI01-02	Binding columns: Mini scale plasmid genomic DNA extraction
FT010	Mini Filter Columns	10	FAPI01-01 FAPI01-02	Filter columns: Mini scale plasmid genomic DNA extraction
RC010-L	FAPI01 Column	10	FAPI01-01 FAPI01-02	Binding columns: Mini scale plasmid genomic DNA extraction
FT010	Mini Filter Columns	10	FAPI01-01 FAPI01-02	Filter columns: Mini scale plasmid genomic DNA extraction
Soil / Water DNA Isolation Kit				
RC010-L	Mini Filter Columns	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04	Binding columns: Mini scale soil DNA isolation
			FAPI01-01 FAPI01-02	Binding columns: Mini scale soil DNA isolation
			FAPI01-01 FAPI01-02	Binding columns: Mini scale soil DNA isolation
Bound / Unbound Gel / Tissue/ Plant Total RNA Kit/ After Trizol Reagent RNA Clean-Up Kit				
RC010	FAPI01 Columns	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale bound / unbound total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale tissue total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale plant total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale plant total RNA extraction
FC010-R	Mini Filter Columns	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale bound / unbound total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale tissue total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale plant total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale plant total RNA extraction
RC010	FAPI01 Columns	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale bound / unbound total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale tissue total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale plant total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Binding columns: Mini scale plant total RNA extraction
FC010-R	Mini Filter Columns	10	FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale bound / unbound total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale tissue total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale plant total RNA extraction
			FAPI01-01 FAPI01-02 FAPI01-03 FAPI01-04 FAPI01-05 FAPI01-06 FAPI01-07 FAPI01-08 FAPI01-09 FAPI01-10 FAPI01-11 FAPI01-12 FAPI01-13 FAPI01-14 FAPI01-15 FAPI01-16 FAPI01-17 FAPI01-18 FAPI01-19 FAPI01-20	Filter columns: Mini scale plant total RNA extraction
Water Nucleic Acid Extraction Kit				
RC010-L	Mini Columns	10	FAPI01-01 FAPI01-02 FAPI01-03	Binding columns: Mini scale water extraction
			FAPI01-01 FAPI01-02 FAPI01-03	Binding columns: Mini scale water extraction



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