

■ Ordering Information

Products	Scale	Size	Cat. No.	Type
GeneAll® Hybrid-Q™ for rapid preparation of plasmid DNA				
Plasmid Rapidprep	mini	50	100-150	spin
		200	100-102	
GeneAll® Expres™ for preparation of plasmid DNA				
Plasmid SV	mini	50	101-150	spin/ vacuum
		200	101-102	
	Midi	26	101-226	spin/ vacuum
		50	101-250	
		100	101-201	
GeneAll® Exfection™ for preparation of transfection-grade plasmid DNA				
Plasmid LE (Low Endotoxin)	mini	50	111-150	spin/ vacuum
		200	111-102	
	Midi	100	111-201	spin/ vacuum
Plasmid EF (Endotoxin Free)	Midi	20	121-220	spin
		100	121-201	
GeneAll® Expin™ for purification of fragment DNA				
Gel SV	mini	50	102-150	spin/ vacuum
		200	102-102	
PCR SV	mini	50	103-150	spin/ vacuum
		200	103-102	
CleanUp SV	mini	50	113-150	spin/ vacuum
		200	113-102	
Combo GP	mini	50	112-150	spin/ vacuum
		200	112-102	
GeneAll® Exgene™ for isolation of total DNA				
Tissue SV	mini	100	104-101	spin/ vacuum
		250	104-152	
	Midi	26	104-226	spin/ vacuum
		100	104-201	
	MAXI	10	104-310	spin/ vacuum
		26	104-326	
	mini	100	109-101	spin/ vacuum
		250	109-152	
Tissue plus/ SV	Midi	26	109-226	spin/ vacuum
		100	109-201	
	MAXI	10	109-310	spin/ vacuum
		26	109-326	
Blood SV	mini	100	105-101	spin/ vacuum
		250	105-152	
	Midi	26	105-226	spin/ vacuum
		100	105-201	
	MAXI	10	105-310	spin/ vacuum
		26	105-326	
Cell SV	mini	100	106-101	spin/ vacuum
		250	106-152	
	MAXI	10	106-310	spin/ vacuum
		26	106-326	
Clinic SV	mini	100	108-101	spin/ vacuum
		250	108-152	
	Midi	26	108-226	spin/ vacuum
		100	108-201	
	MAXI	10	108-310	spin/ vacuum
		26	108-326	
Genomic DNA micro	mini	50	118-050	spin
		100	117-101	
Plant SV	mini	250	117-152	spin/ vacuum
	Midi	26	117-226	spin/ vacuum
		100	117-201	
	MAXI	10	117-310	spin/ vacuum
		26	117-326	
Soil DNA mini	mini	50	114-150	spin
Stool DNA mini	mini	50	115-150	spin
Stool-Bead DNA mini	mini	50	115-151	spin
Viral DNA/RNA	mini	50	128-150	spin
FFPE Tissue DNA	mini	50	138-150	spin
		250	138-152	

GENEALL BIOTECHNOLOGY CO., LTD

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Products	Scale	Size	Cat. No.	Type
GeneAll® GenEx™ for isolation of total DNA without spin column				
GenEx™ Blood	Sx	100	220-101	solution
		500	220-105	
	Lx	100	220-301	solution
GenEx™ Cell	Sx	100	221-101	solution
		500	221-105	
	Lx	100	221-301	solution
GenEx™ Tissue	Sx	100	222-101	solution
		500	222-105	
	Lx	100	222-301	solution
GenEx™ Plant	Sx	100	227-101	solution
		Mx	100	
	Lx	100	227-301	
		Sx	100	
GenEx™ Plant Plus	Mx	50	228-250	solution
		Lx	20	
GeneAll® DirEx™ series for preparation of PCR-template without extraction				
DirEx™		100	250-101	solution
DirEx™ Fast-Tissue	96 T	260-011	solution	
DirEx™ Fast-Cultured cell	96 T	260-021	solution	
DirEx™ Fast-Whole blood	96 T	260-031	solution	
DirEx™ Fast-Blood stain	96 T	260-041	solution	
DirEx™ Fast-Hair	96 T	260-051	solution	
DirEx™ Fast-Buccal swab	96 T	260-061	solution	
DirEx™ Fast-Cigarette	96 T	260-071	solution	
GeneAll® RNA series for preparation of total RNA				
RiboEx™	mini	100	301-001	solution
		200	301-002	
Hybrid-R™	mini	100	305-101	spin
Hybrid-R™ Blood RNA	mini	50	315-150	spin
Hybrid-R™ mRNA	mini	50	325-150	spin
RiboEx™ LS	mini	100	302-001	solution
		200	302-002	
Riboclear™	mini	50	303-150	spin
Riboclear™ Plus	mini	50	313-150	spin
Ribospin™	mini	50	304-150	spin
Ribospin™ II	mini	50	314-150	spin
		300	314-103	
Ribospin™ vRD	mini	50	302-150	spin
Ribospin™ vRD Plus	mini	50	312-150	spin
Ribospin™ vRD II	mini	50	322-150	spin
Ribospin™ Plant	mini	50	307-150	spin
Ribospin™	mini	50	317-150	spin
Ribospin™ Pathogen/TNA	mini	250	341-152	spin
Allspin™	mini	50	306-150	spin
RiboSaver™	mini	100	351-001	solution
GeneAll® AmpONE™ for PCR amplification				
Taq DNA polymerase		250 U	501-025	(2.5 U/μl)
		500 U	501-050	
		1,000 U	501-100	
Taq Premix		20 μl x 96 tubes	526-200	solution
		50 μl x 96 tubes	526-500	
GeneAll® AmpMaster™ for PCR amplification				
Taq Master mix		0.5 ml x 2 tubes	541-010	solution
		0.5 ml x 10 tubes	541-050	

Products	Scale	Size	Cat. No.	Type
GeneAll® HyperScript™ for Reverse Transcription				
Reverse Transcriptase		10,000 U	601-100	solution
RT Master mix	0.5 ml x 2 tubes		601-710	solution
One-step RT-PCR Master mix	0.5 ml x 2 tubes		602-110	solution
One-step RT-PCR Premix	20 µl x 96 tubes		602-102	solution
GeneAll® RealAmp™ for qPCR amplification				
SYBR qPCR Master mix (2X, Low ROX)	200 nm	2 ml	801-020	solution
	500 nm	5 ml	801-050	
SYBR qPCR Master mix (2X, High ROX)	200 nm	2 ml	801-021	solution
	500 nm	5 ml	801-051	
GeneAll® Protein series				
ProteinEx™		100 ml	701-001	solution
Animal cell/tissue				
PAGESTA™				
Reducing 5X SDS-PAGE Sample Buffer	1 ml x 10 tubes		751-001	solution
GeneAll® GENTi™ ADVANCED Newly designed automated extraction system				
Automatic extraction equipment		GTI032A		system
Genomic DNA	48	901-048A		tube
	96	901-096A		plate
Viral DNA/RNA	48	902-048A		tube
	96	902-096A		plate
Blood DNA	48	903-048A		tube
	96	903-096A		plate
Plant DNA/RNA	48	904-048A		tube
	96	904-096A		plate
LMO	48	906-048A		tube
	96	906-096A		plate
Fecal DNA/RNA	48	913-048A		tube
	96	913-096A		plate
GeneAll® ALLEX'64 Compact yet Comprehensive automated extraction system				
Automatic extraction equipment		AEX064		system
Genomic DNA	48	931-048A		tube
	96	931-096A		plate
Viral DNA/RNA	48	934-048A		tube
	96	934-096A		plate
Blood DNA	48	935-048A		tube
	96	935-096A		plate
Plant DNA/RNA	48	937-048A		tube
	96	937-096A		plate
Fecal DNA/RNA	48	948-048A		tube
	96	948-096A		plate

Ver 1.1

GeneAll®

RiboSaver™
RNA stabilization solution

For research use only

Cat. No. 351-001
Size: 100 ml
Store at Room temperature (15~25°C)

■ Kit Contents

Components	Quantity	Cat. No	Storage
RiboSaver™	100 ml	351-001	Room temperature

■ Quality Control

RiboSaver™ is manufactured in strictly clean condition, and its degree of cleanness is monitored periodically. For consistency of product, the quality certification process is carried out from lot to lot thoroughly and only the qualified is approved to be delivered.

■ Storage Condition

RiboSaver™ should be stored at room temperature and stable at least for 1 year.

Caution!

Storage at cold ambient temperature will cause precipitation in RiboSaver™.
If precipitate is seen, heat the solution to 37°C and agitate it for re-solubilization.

■ Description

RiboSaver™ is a preservation solution to stabilize cellular RNA in biological specimens such as tissues and cultured cells. The harvested samples submerged in RiboSaver™ can be easily stored or transported at ambient temperature without any cooling method such as liquid nitrogen or dry-ice. RNA isolation from the samples stabilized by RiboSaver™ is compatible with most conventional or commercial RNA extraction methods.

How to use RiboSaver™



▪ Animal tissue

Use fresh tissue only. Cut tissue samples to < 0.5 cm thick and transfer it carefully into a new tube. Completely submerge the dissected tissue in 5~10 volumes of RiboSaver™.

▪ Cultured cells

Harvest cultured cells to a new tube by centrifugation at 14,000 x g for 1 minute. Discard the supernatant as much as possible and resuspend the cell pellet thoroughly in residual supernatant or 50 µl of cold PBS. Add 5~10 volumes of RiboSaver™ and mix well by tapping or inverting.

Stability in RiboSaver™



▪ To store at room temperature

Samples can be stored in RiboSaver™ up to 1 week at room temperature (15~25°C). Storage at high ambient temperature (30~37°C) is possible for up to 1 day.

▪ To store at 4°C

Samples can be stored in RiboSaver™ up to 1 month at 4°C without significant RNA degradation.

▪ To store at -20°C or below

Samples can be stored in RiboSaver™ up to several months at -20°C or below. Before stored in freezer, samples should be pre-incubated at 4°C overnight, and then transferred directly to -20°C or -80°C for long-term storage.

The RiboSaver™ solution stored at -20°C would not freeze but some precipitates may form.

There is no need to re-dissolve the precipitates that not affect subsequent RNA isolation.

In storage at -80°C, the whole solution including samples will be frozen. For RNA isolation, the solution needs to thaw completely at room temperature.

Storage temperature	Storage period
37°C	1 day
18~25°C	7 days
4°C	30 days
-20°C and below	Several months

RNA isolation from the samples in RiboSaver™



▪ Animal tissue

Remove the RiboSaver™ solution by pipetting or take the tissue out from RiboSaver™ with sterile forceps. Immediately submerge the samples in the lysis solution for RNA isolation and continue according to the RNA isolation procedures.

▪ Cultured cells

Add 1 volume of cold PBS and mix well by inverting to reduce the density of RiboSaver™ solution.

Centrifuge at 14,000 x g for 1 minute and discard the solution as much as possible. Add lysis buffer to the cell pellet immediately and continue according to the RNA isolation procedures.

- Precipitates formed in the preserved solution at cold temperature tend to disturb formation of cell pellet during spin down. Therefore it is recommended to transfer the preserved solution except the precipitates to a new tube before pelleting by centrifugation.