

01/05/2025 to 31/08/2025

**Extract Excellence – Special Prices on GeneAll Kits!
Get Yours at AITbiotech Today**

SPECIAL

PROMO

BUY 5

GET

10% OFF



All orders must be fulfilled in a single delivery.

Please refer to the following pages
for the list of included products.



Contact AITBIOTECH PTE LTD via
sales@aitbiotech.com for more information

Total DNA Purification System

Exgene™ series are designed for the purification of total DNA from a variety of samples. They provide fast and easy methods free from phenol extraction or alcohol precipitation, in convenient spin or vacuum column format. Purified total DNA can be directly applicable in conventional PCR, Real-time PCR, southern blotting, genotyping, RFLP, and other downstream applications.

Exgene™

Sample Type	Exgene™ Tissue SV (Plus) *	Exgene™ Blood SV	Exgene™ Cell SV	Exgene™ Clinic SV	Exgene™ Genomic DNA micro	Exgene™ Viral DNA/RNA	Exgene™ Plant SV	Exgene™ Soil DNA mini	Exgene™ FFPE Tissue DNA	Exgene™ Stool DNA mini	Exgene™ Stool-Bead DNA
Animal tissues	○		○	○	○						
Body fluid		○	○	○	○	○					
Bone					○						
Buccal swab	△	○	○	○	○						
Buffy coat		○	○	○	△						
Callus							○				
Cultured cells	○	○	○	○	△	○					
DNA Virus		○	○	○	△	○					
Dried blood spot	△		○	○	○						
Fixed tissues	△		○	○	△				○		
Forensic samples					○						
Fungi							○	△			
Gram(-) bacteria	○		○	○	△						
Gram(+) bacteria			○								
Hair	△	○	○	○	○						
Lichens								○			
Insect / Worm	○		△	△	△						
Mammalian whole blood	○*	○	○	○	○						
Nail					○						
Nucleated blood	△	○	○	○	△						
Paraffin block	○		○	○	△				○		
Plant cells							○				
Plant tissues							○				
Rodent tails	○		○	○	△						
Saliva		○	○	○	○	○					
Soil								○			
Sperm		○	○	○	○						
Stool										○	○
Urine	△		△	△	○	○					
Yeast			○								

○ Recommended / △ Suitable but not optimized and required additional protocol

* Exgene™ Tissue Plus kit provides the additional methods for total DNA purification from mammalian whole blood.



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RNA Purification System

Ribospin™ series provide fast and easy method in convenient spin column format and isolate highly purified RNA in 15 minutes.

Allspin™ total DNA/RNA purification kit provides a convenient method for the isolation of total DNA and total RNA simultaneously from a single sample of tissue or cultured cells.

GeneAll® RNA purification kit	Non-organic solvent (Non-phenol base)							
	Column type							
	Ribospin™	Ribospin™ II	Ribospin™ vRD (Plus) *	Ribospin™ vRD II *	Ribospin™ Plant	Ribospin™ Seed/Fruit	Ribospin™ Pathogen/ TNA	Allspin™ **
Kit Specification								
Size	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep
Preparation time	15 min	30 min	20 min	15 min	25 min	30 min	30 min	30 min
Recommended sample amount	25 mg 5 x 10 ⁶ cells	30 mg 1 x 10 ⁷ cells	300 µl	100 µl	100 mg	100 mg	200 µl 20 mg 5 x 10 ⁶ cells	30 mg 1 x 10 ⁷ cells
Max. loading vol.	750 µl	750 µl	800 µl	750 µl	700 µl	750 µl	750 µl	700 µl
Elution vol.	40-50 µl	30-50 µl	30-50 µl	20-50 µl	30-50 µl	30-100 µl	30-200 µl	30-100 µl
Binding capacity	100 µg	500 µg	100 µg	100 µg	100 µg	500 µg	100 µg	100 µg
Sample Type ○ Recommended / △ Suitable but Not Optimized								
Animal cells	○	○						○
Animal tissues	○	○					○	○
Bacteria cells	△	△						△
Yeast	△	△						△
Cell cultured media							○	
Whole blood							○	
Buffy coat	○	○						○
Serum							○	
Plasma							○	
Plant tissues					○	○		
Seed						○		
Fruit						○		
Rhizome						○		
Various liquid sample (Body fluids)			○	○			○	
Viral sample			○	○			○	
Stool							○	

* Ribospin™ vRD Plus and vRD II provide Carrier RNA for purification of nucleic acid from very small amounts of sample.

** Allspin™ provides the method for the purification of genomic DNA and total RNA from tissues and cultured cells.

※ Typical yield depends on the type, condition and volume of sample.



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