

GeneAll® RNA purification kit	Organic solvent (Phenol base)					Non-organic solvent (Non-phenol base)						Related products (RNA clean-up and stabilizer)			
	Solution type		Column type			Column type						Column type		Solution type	
	RiboEx™	RiboEx™LS	Hybrid-R™	Hybrid-R™ Blood RNA	Hybrid-R™ miRNA	Ribospin™	Ribospin™ vRD (plus!)*	Ribospin™ vRD II*	Ribospin™ Plant	Ribospin™ Seed / Fruit	Allspin™**	Riboclear™	Riboclear™ plus!***	RiboSaver™	
<b>Kit Specification</b>															
Size	100 ml	100 ml	100 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	50 prep	100 ml	
Preparation time	50 ~ 65 min	50 ~ 65 min	30 min	30 min	30 min	15 min	20 min	15 min	25 min	30 min	30 min	6 min	17 min	-	
Recommended sample volume	100 mg 1 x 10 <sup>7</sup> cells	250 ul	100 mg 1 x 10 <sup>7</sup> cells	250 ul	100 mg 1 x 10 <sup>7</sup> cells	25 mg 5 x 10 <sup>6</sup> cells	300 ul	100 ul	100 mg	100 mg	30 mg 1 x 10 <sup>7</sup> cells	100 ul	100 ul		
Max. loading vol.	-	-	700 ul	700 ul	700 ul	750 ul	800 ul	750 ul	700 ul	750 ul	700 ul	800 ul	800 ul	-	
Min. elution vol.	-	-	30 ul	30 ul	30 ul	40 ul	30 ul	20 ul	30 ul	30 ul	30 ul	30 ul	20 ul	-	
Binding capacity	-	-	~ 500 ug	~ 100 ug	~ 100 ug	~ 100 ug	~ 100 ug	~ 100 ug	~ 100 ug	~ 500 ug	~ 100 ug	~ 100 ug	~ 100 ug	-	
<b>Sample type</b> <span style="float: right;">○ Recommended / △ Suitable but not optimized</span>															
Animal cells	○	○	○	-	○	○	-	-	-	-	○	-	-	-	
Animal tissues	○	△	○	-	○	○	-	-	-	-	○	-	-	-	
Plant tissues	○	△	○	-	-	-	-	○	△	-	-	-	-	-	
Bacteria	○	○	○	-	○	○	-	-	-	-	△	-	-	-	
Yeast	○	○	○	-	○	-	-	-	-	-	△	-	-	-	
Whole blood	-	○	-	○	-	-	-	-	-	-	-	-	-	-	
Buffy coat	-	○	-	○	-	○	-	-	-	-	-	-	-	-	
Seed	-	-	-	-	-	-	-	-	-	○	-	-	-	-	
Fruit	-	-	-	-	-	-	-	-	-	○	-	-	-	-	
Rhizome	-	-	-	-	-	-	-	-	-	○	-	-	-	-	
Various liquid sample	-	○	-	△	-	-	○	○	-	-	-	-	-	-	
Viral sample	-	-	-	-	-	-	○	○	-	-	-	-	-	-	
RNA cleanup / concentration	-	-	-	-	-	-	-	-	-	-	-	○	○	-	
RNA stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-	○	

\* 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.

\*\*\* Riboclear™ plus! provides DNase I for removal of contaminated DNA.

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