

Kit Specifications	
Minimum Urine Input	11 mL
Maximum Urine Input	30 mL
Size of Exosomes Purified	40 nm - 150 nm
Size of RNA Purified	All sizes, including miRNA and small RNA (< 200 nt)
Elution Volume	50-100 µL
Time to Complete 10 Purifications	35 - 40 minutes
Average Yields*	Variable depending on specimen

*Please check page 4 of the product insert for the average yields and the common RNA quantification methods

Storage Conditions and Product Stability

All buffers should be kept tightly sealed and stored at room temperature (15-25°C) for up to 2 years without showing any reduction in performance. It is recommended to warm Lysis Buffer A for 20 minutes at 60°C if any salt precipitation is observed.

Important Note

Urine samples stored at -70°C, -20°C or at 4°C will develop some precipitation due to the aggregation of some of the highly abundant proteins in urine. Eliminating these precipitates using centrifugation or filtration may cause the loss of exosomes. Furthermore, these precipitates may affect the quality of the purified nucleic acid. We recommend the use of Urine Preservative when collecting urine samples, which is designed for the preservation of nucleic acids and proteins in fresh urine samples at ambient temperatures. The components of the Urine Preservative allow samples to be stored for over 2 years at room temperature with no detected degradation of urine DNA, RNA or proteins. Urine Preservative is available as a liquid format in Urine Preservative Single Dose Ampules, as well as in a dried format in Urine Collection and Preservation Tubes.