



EV miRNA ISOLATION

miRQuick

The Microgentas miRQuick™ isolation kit is specifically designed to purify EV miRNAs from a wide range of biofluids, including plasma, serum, cell culture media, saliva, and urine.

PLASMA / SERUM / CELL CULTURE MEDIA / URINE / SALIVA



various samples



High Recovery



Short Process

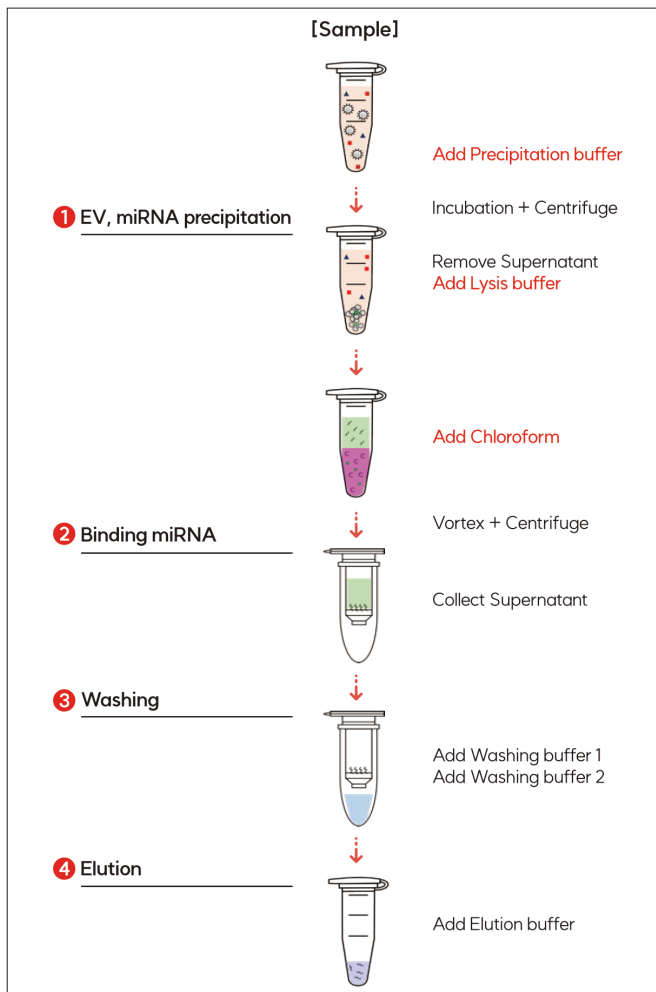


One-Step

miRQuick boasts a high recovery yield, with results obtainable in 20 minutes of hands-on time.

Rapid and Efficient ONE-STEP Isolation of EV miRNA : miRQuick

Protocol



Method

By adding cationic materials to a sample, anionic EVs rapidly aggregate due to electrical interaction and tend to form cluster. With lysing the EV clusters, miRNA can be easily extracted using a conventional spin column method.

Features

- One-step EV miRNA isolation reagent
- Rapid and convenient purification procedure
- Purify EV miRNA from plasma, serum, cell culture media, urine, saliva
- Purify EV miRNA molecules with a novel enrich/bind/elute procedure
- Prepare enriched EV miRNA samples typically in less than 20 minutes



EV miRNA ISOLATION

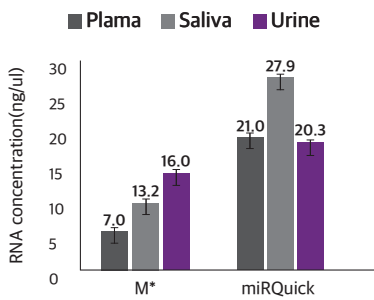
miRQuick

miRNA Isolation from Various Samples

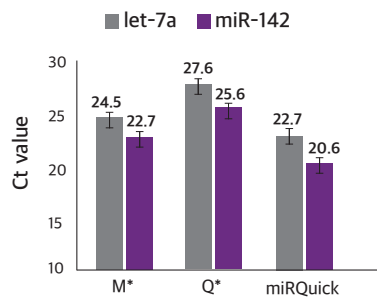
Quick and easy EV miRNA isolation kit from various body fluids.



[NanoDrop] RNA

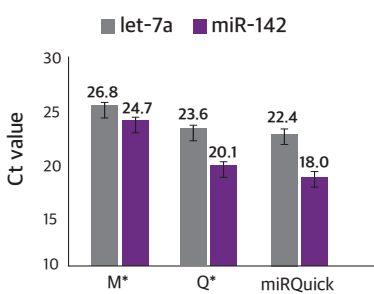


[RT-qPCR] Plasma

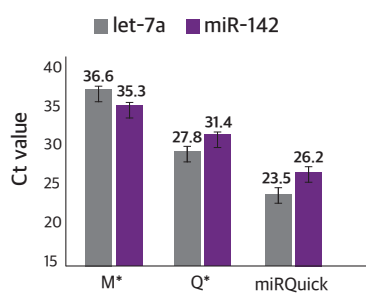


Comparison of RNA extraction efficiency miRQuick and commercial kit (Supplier M, Q). RNA quality check using NanoDrop and miRNA quantitative using RT-qPCR. miRQuick extraction efficiency is superior than other company kit in various body fluids.

[RT-qPCR] Saliva



[RT-qPCR] Urine



miRQuick™ miRNA Isolation Kit is suitable for variety of downstream applications including

- RNA sequencing
- Microarray analysis
- Real-Time PCR (RT-PCR)
- Northern Blotting

Exosomal miRNA isolation

Specific Items	miRQuick Maxi Kit (50)
Catalog number	80050
Sample	Plasma, Serum, Urine, Cell Culture Media, Saliva
Package Unit	for 50 preps
Sample Volume/Test	50 ~ 20,000 μ l
Reagents	Washing Buffer 1&2, Precipitation Solution, Lysis Buffer, Elution Buffer
Others provided	Spin column, Collection Tubes