

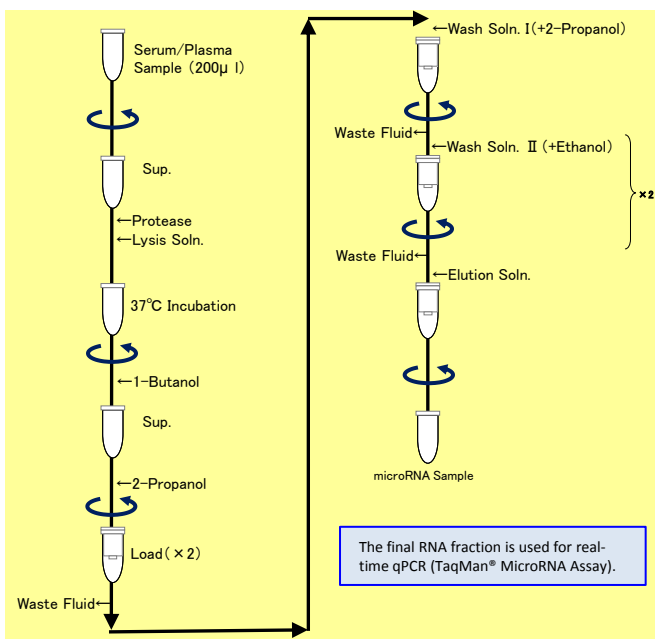
microRNA Extractor[®] SP Kit

High extraction efficiency & reproducibility

Safe procedure without hazardous phenol/chloroform

Easy protocol by using protease, chaotropic reagent and spin column

Extraction Outline



Kit Components

- | | |
|-----------------------|-----------------|
| (1) Lysis Solution | 19ml × 1 bottle |
| (2) Reducing Agent | 50µL × 1 vial |
| (3) Protease Solution | 500µL × 1 vial |
| (4) Enhancer | 500µL × 1 vial |
| (5) Wash Solution I | 12mL × 1 bottle |
| (6) Wash Solution II | 21mL × 1 bottle |
| (7) Elution Solution | 5mL × 1 bottle |
| (8) Spin Column | 50 columns |
| (9) Collection Tube | 50 tubes |

Additional materials required

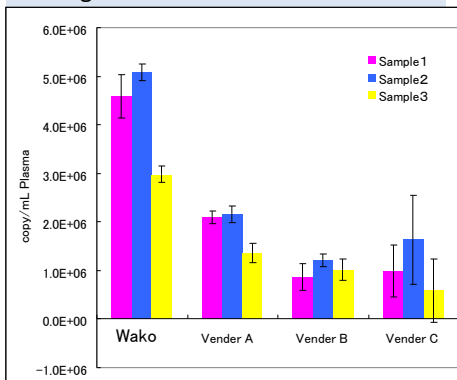
- 1-Butanol (Code No.022-16035)
- 2-Propanol (Code No.168-21675)
- Ethanol (Code No.054-07225)



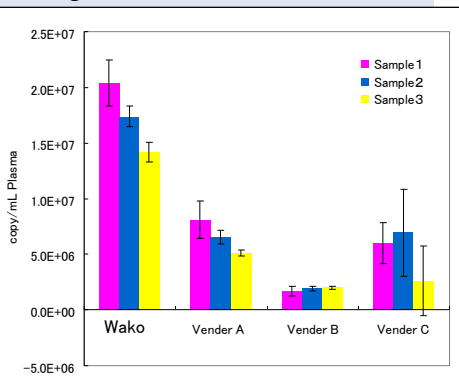
Please use EDTA or citric acid as an anticoagulant. We can NOT recommend to use heparin, because heparin will inhibit PCR after RNA extraction.

Example of use Normal Human Plasma

Endogenous hsa-miR-16



Endogenous hsa-miR-451



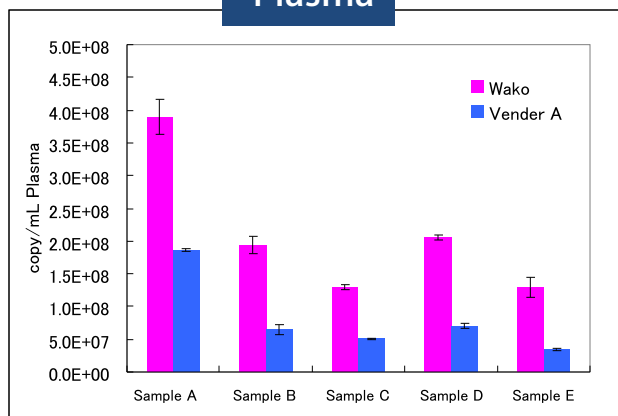
- Vender A Kit
Phenol/Chloroform + Silica Column
- Vender B Kit
Phenol/Chloroform + Silica Column
- Vender C Reagent
AGPC methods reagent
- Detection reagent
Real-time qPCR (TaqMan[®] MicroRNA Assay).

Extraction efficiency of microRNA Extractor[®] SP Kit is higher than vender's products.

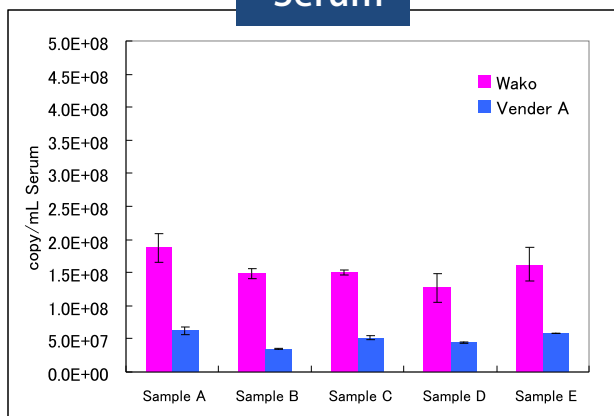
Example of use (Normal Human Plasma & Serum)

Endogenous hsa-miR-16

Plasma



Serum



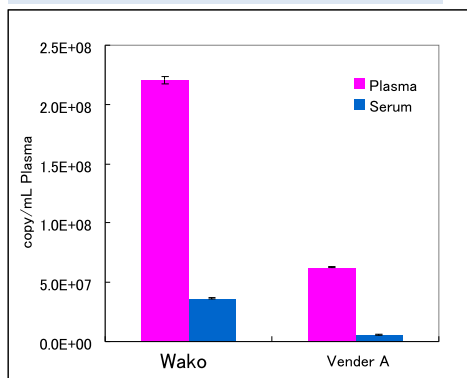
Vender A Kit :Phenol/Chloroform + Silica Column

Detection reagent:Real-time qPCR (TaqMan® MicroRNA Assay).

High efficiency of microRNA Extraction from Plasma & Serum.

Example of use (Normal Rat Plasma & Serum)

Endogenous rno-miR-16

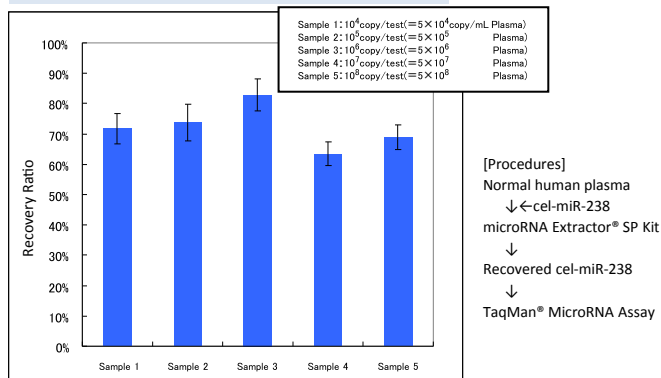


Detection reagent:Real-time qPCR (TaqMan® MicroRNA Assay).

Suitable for microRNA Extraction from Rat.

Recovery efficiency

cel-miR-238



Detection reagent:Real-time qPCR (TaqMan® MicroRNA Assay).

High reproducibility

Code No.	Description	Package size
295-71701	microRNA Extractor [®] SP Kit	50 Extractions

Listed products are intended for laboratory research use only, and not to be used for drug, food or human use.

Please visit our online catalog to search for other product from Wako.; <http://www.e-reagent.com/>

This brochure may contain products that cannot be exported to your country due to regulations.

Bulk quote requests for some products are welcomed. Please contact us.

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