

Automation Scripts

The **Quick-DNA/RNA™ Viral MagBead** (R2140/R2141) is compatible with automated platforms. For automation scripts and related technical support, email automation@zymoresearch.com. In the subject line, please include “Automation Scripts”, instrument used and the product catalog number.

Recommended Consumables and Hardware

The following hardware and consumables are immediately deployable with scripts developed by Zymo Research.

KingFisher Flex:

KingFisher 96 deep-well plate, v-bottom, polypropylene (Thermo 95040450)
KingFisher 96 tip comb for deep-well magnets (Thermo 97002534)
KingFisher 96 microplate (200µL) (Thermo 97002540)

Tecan Fluent:

Plate Magnet 96 MAGNUM FLX ALPAQUA
BioShake D30-T elm (Tecan 30125516)
Block Adapter Plate Qinstr. Nunc 96 2ML (Tecan 30150449)
Nunc™ 96-Well Polypropylene DeepWell™ Storage Plates, 2 ml (Thermo. 278743)
Hard-Shell® Low-Profile, Thin-Wall, Skirted 96-Well PCR Plates (Bio-Rad HSP-9631)
1.5 ml reagent tubes (Eppendorf, 022363204)
DITI LIHA 50µL CONDU.FIL. 2304 PCE. SBS (Tecan 30057813)
DITI LIHA 200µL CONDU.FIL. 2304 PCE. SBS (Tecan 30057815)
DITI LIHA 1000µL CONDU.FIL. 2304 PCE. SBS (Tecan 30057817)
LIHA DITI SBS Box Refill Small 10PCE. (Tecan 30058506)
LIHA DITI SBS Box Refill Large 10PCE. (Tecan 30058507)
Trough Disposable 25ML PP 120PCE. (Tecan 30055743)
Trough Disposable 100ML PP Grey 108 PCE. (Tecan 10613049)

Hamilton STAR:

Plate Magnet 96 Magnum FLX Alpaqua
Hamilton Heater Shaker
Nunc™ 96-Well Polypropylene DeepWell™ Storage Plates, 2 ml (Thermo. 278743)
Hard-Shell® Low-Profile, Thin-Wall, Skirted 96-Well PCR Plates (Bio-Rad HSP-9631)
50 µL CO-RE Tips with Filters (Hamilton 235979)
300 µL CO-RE Tips with Filters (Hamilton 235938)
1000 µL CO-RE Disposable Tips with Filters (Hamilton 235905)
60 mL Reagent Reservoir Self-Standing (Hamilton 194051)
250 mL Reagent Reservoir 96-well, SLAS-ANSI (Hamilton 56669-01)

Platform specific notes

Tecan Fluent: DreamPrep™ NAP

Reagent Preparation (page 3)

Reconstitute the lyophilized Proteinase K at 8 mg/ml, final concentration.

Sample Preparation (page 3)

Proteinase K treatment:

10 µl Proteinase K (8 mg/ml) can be added to 200 µl sample (or 400 µl sample in DNA/RNA Shield™). Mix well and proceed with purification.

DNA/RNA Purification (page 4)

Step 4: Add 460 µl MagBead DNA/RNA Wash 1.

Step 5: Add 460 µl MagBead DNA/RNA Wash 2.

Step 6-7: Add 460 µl ethanol (95-100%).

Step 8: Alternatively, dry the beads for 10 minutes at 55°C.