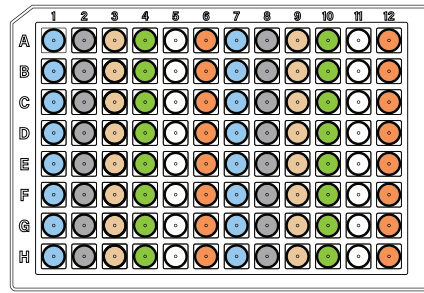


# magnetiQ Universal Pathogen DNA/RNA Extraction Kit

## Quick Start Guide



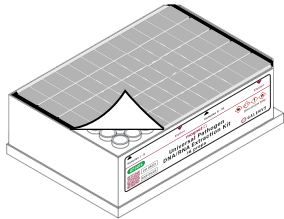
- ▲ 200µl sample added to Lysis/Binding Buffer
- ▼ 90µl extracted and purified DNA/RNA elution
- ▲ 200µl sample added to Lysis/Binding Buffer
- ▼ 90µl extracted and purified DNA/RNA elution

- Lysis / Binding Buffer (600µl)  
Columns 1 & 7
- Binding magnetic nanoparticles (200µl)  
Columns 2 & 8
- Wash #1 Buffer (600µl)  
Columns 3 & 9
- Wash #2 Buffer (600µl)  
Columns 4 & 10
- Elution Buffer (90µl)  
Columns 6 & 12

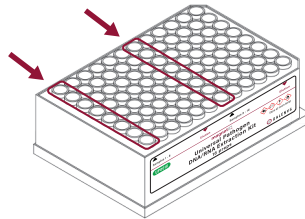
### UPKit miQron protocol parameters

Step Name	Column	Volume (µl)	Time (sec)	Mixing Speed (1-10)	Dry Time (sec)	Temp (°C)	Magnet Capture Time (sec)
Lysis	1 & 7	800	300	10	0	-	-
Bead Transfer	2 & 8	200	30	5	0	-	60
Binding	1 & 7	800	300	7	0	-	90
Wash #1	3 & 9	600	60	6	0	-	90
Wash #2	4 & 10	600	60	6	60	-	90
Elution	6 & 12	90	120	10	0	70	90
Discard Comb	2 & 8	600	-	5	-	-	-

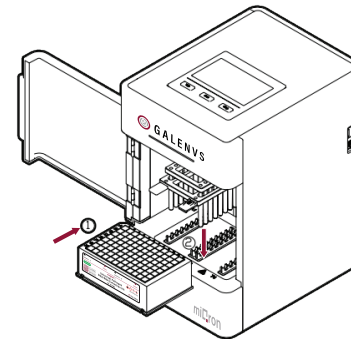
**1** Remove the protective foil.



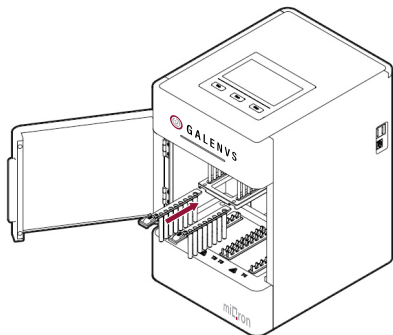
**2** Add up to 16 samples to Lysis/Binding Buffer (columns 1 and 7).



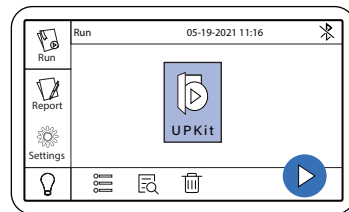
**3** Place plate into the miQron, taking care that the label is facing outward.



**4** Insert two combs.

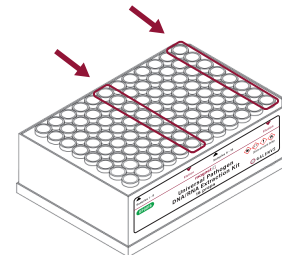


**5** Select the UPKit protocol and press



When program is complete, remove plate from miQron and discard combs.

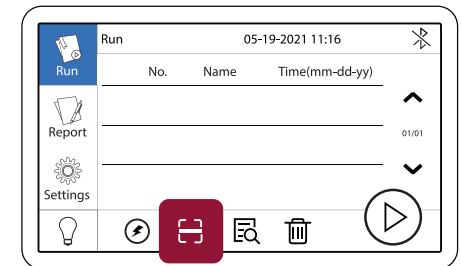
Columns 6 and 12 contain the purified DNA/RNA elution.



## miQron

### Protocol Update

To import the updated protocol into the miQron, press the **Scan Protocol** icon from the Run menu (protocol list view window). Use the scanner on the QR code below.



UPKIT PROTOCOL V1.0