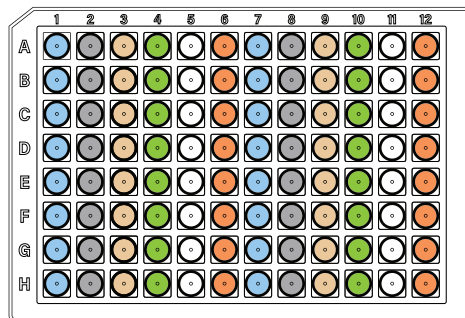


# magnetiQ Blood & Cell DNA Extraction Kit

## Quick Start Guide



▲ 100µl sample added to Lysis/Binding Buffer

▼ 100µl extracted and purified RNA elution

▲ 100µl sample added to Lysis/Binding Buffer

▼ 100µl extracted and purified RNA elution

● Lysis / Binding Buffer (400µl)  
Columns 1 & 7

● Functionalized Beads (200µl)  
Columns 2 & 8

● Wash #1 Buffer (600µl)  
Columns 3 & 9

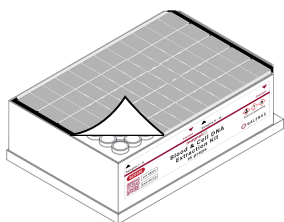
● Wash #2 Buffer (600µl)  
Columns 4 & 10

● Elution Buffer (100µl)  
Columns 6 & 12

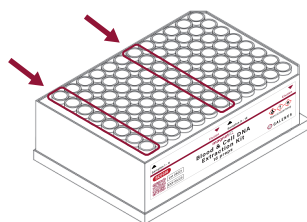
### BCKit miQron protocol parameters

Step Name	Column	Volume (µl)	Time (sec)	Mixing Speed (1-10)	Dry Time (sec)	Temp (°C)	Magnet Capture Time (sec)
Lysis	1 & 7	520	600	10	-	-	-
Bead Transfer	2 & 8	200	n/a	n/a	-	-	60
Binding	1 & 7	520	600	10	-	-	150
Wash #1	3 & 9	600	300	10	-	-	150
Wash #2	4 & 10	600	120	10	120	-	150
Elution	6 & 12	100	300	10	-	70	150
Discard Comb	2 & 8	600	10	10	-	-	-

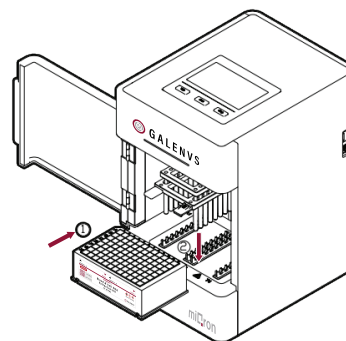
1 Remove the protective foil.



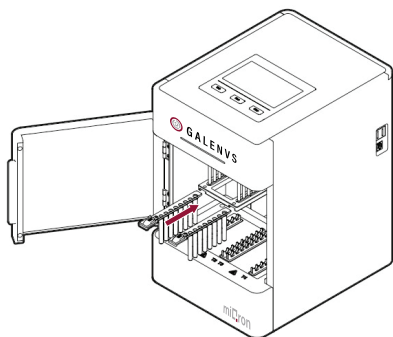
2 Add up to 16 samples to Lysis/Binding Buffer (columns 1 and 7).  
Then add 20µl Proteinase K to each sample.



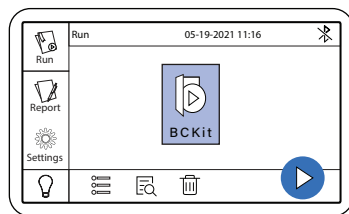
3 Place plate into the miQron, taking care that the label is facing outward.



4 Insert two combs.

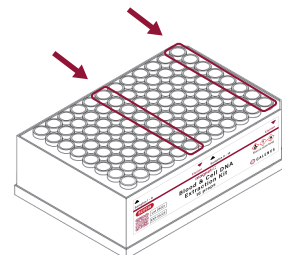


5 Select the BCKit protocol and press ▶



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

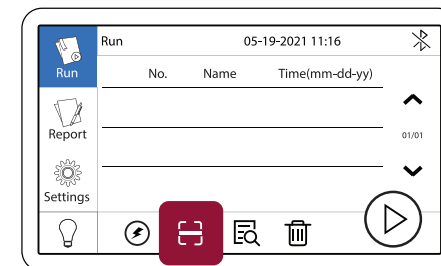
Columns 6 and 12 contain the purified DNA elution.



## 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.



BCKIT PROTOCOL V1.0