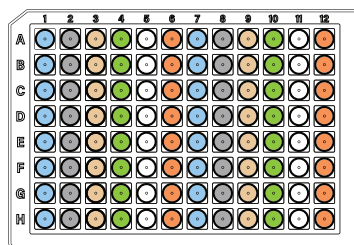


magnetiQ Blood & Cell DNA Extraction Kit

Quick Start Guide

- Lysis / Binding Buffer (400µl)
Columns 1 & 7
- Wash #1 Buffer (600µl)
Columns 3 & 9
- Functionalized Beads (200µl)
Columns 2 & 8
- Wash #2 Buffer (600µl)
Columns 4 & 10
- Elution Buffer (100µl)
Columns 6 & 12

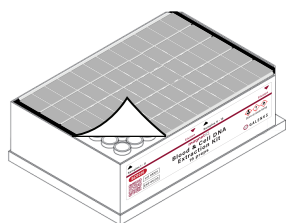


- ▲ 100µl sample added to Lysis/Binding Buffer
- ▼ 100µl extracted and purified RNA elution
- ▲ 100µl sample added to Lysis/Binding Buffer
- ▼ 100µl extracted and purified RNA elution

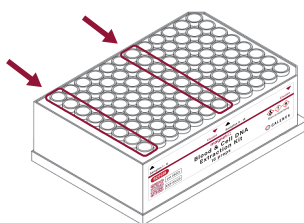
BCKit miQron protocol parameters

Step Name	Column	Volume (µl)	Time (sec)	Mixing Speed (1-10)	Dry Time (sec)	Magnet Capture Time (sec)
Lysis/Binding	1 & 7	520	300	5	-	170
Bead Transfer	2 & 8	200	n/a	n/a	0	100
Wash #1	3 & 9	600	300	5	-	150
Wash #2	4 & 10	600	60	1	30	150
Elution	6 & 12	100	600	10	-	90
Discard Comb	2 & 8	600	10	5	-	-

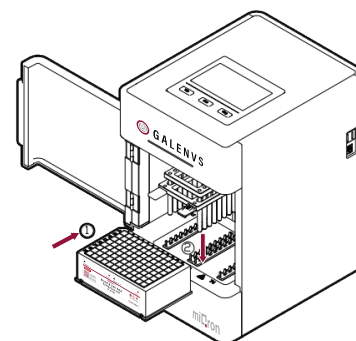
1 Remove the protective foil.



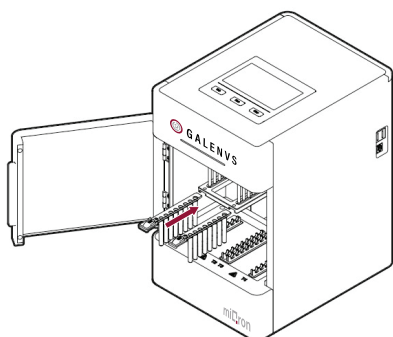
2 Add up to 16 samples to Lysis/Binding Buffer (columns 1 and 7).
Then add 20µl Proteinase K to each sample.



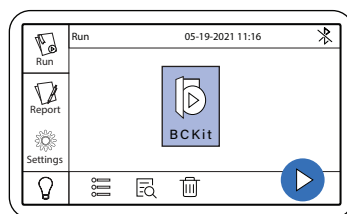
3 Place plate into the miQron, taking care that the label is facing outward.



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.

