

hepatomiR[®] kit Instructions for Use

Annex A: Instructions for the reuse of hepatomiR[®] 96-well plates v.1.0

Revision history

Date	Revision	Details about change
21.10.2025	1.0	Creation of Annex A

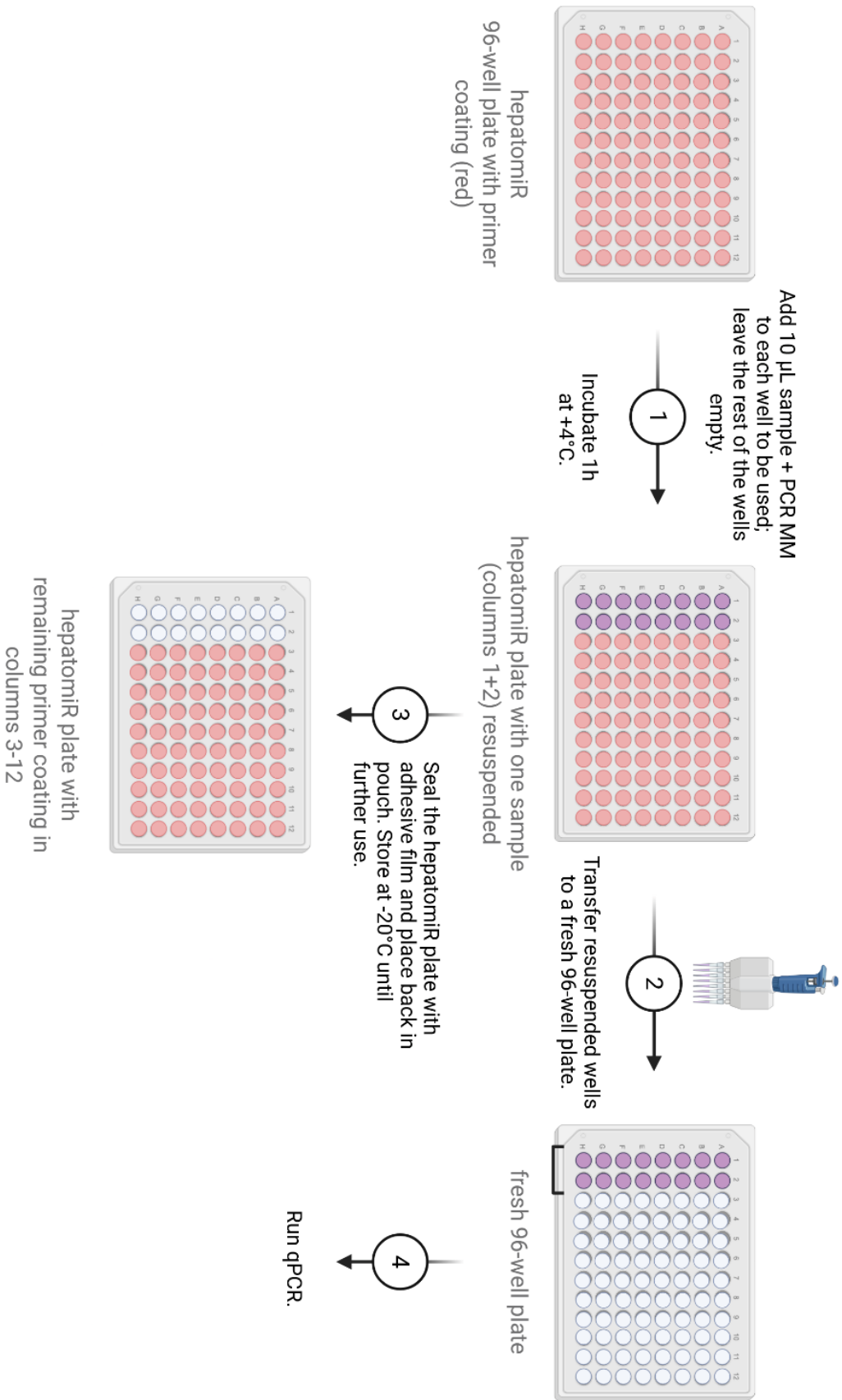
Introduction

Hepato*miR*® 96-well plates are designed for the analysis of six samples in duplicates. This alternative workflow offers flexibility in the number of samples to be measured at once (from 1 to 6), without the need to discard partially unused plates.

By resuspending only the required wells and transferring the liquid to fresh plates, the remaining wells of the hepatomiR® plates can be used for up to six weeks and six freeze/thaw cycles without affecting assay performance.

Procedure

1. Follow the hepatomiR® lab protocol until step 19. Only prepare the number of samples you want to measure.
2. Following step 19, add 10 µL reaction mixture to each well to be used. Leave the rest of the wells empty.
3. Seal the plate with adhesive film. Spin plate at 1,000x g for 90 sec and incubate at +4°C for a minimum of 1 hour.
4. Use a multichannel pipet to transfer the entire liquid (10 µL) from the used wells to a fresh 96-well plate. Make sure to keep the order of wells (A1 to A1, B1 to B1...).
5. Seal the pre-coated hepatomiR® plate with adhesive film and place it back in the pouch. Store at -20°C for up to six weeks.
6. Spin the fresh plate at 1,000x g for 90 sec. Perform qPCR according to step 21.



General Considerations

- Adhere to the procedure described above.
- Incubate the partially resuspended hepatomiR® plate for at least 1 hour at +4°C and make sure to transfer the entire volume per well to the new plate.
- Use a multichannel pipet to transfer the liquid to a new plate. **Do not change the order of the wells.**
- Once the protective pouch is opened, protect the plate from humidity, always apply adhesive film after usage and put it back in the pouch for storage.
- Store the hepatomiR® 96-well plate at -20°C for up to six weeks and six freeze/thaw cycles.