

PROTOCOL

Harvesting RNA from cells cultured on P3D Scaffolds

Application

This protocol explains how to harvest RNA from cells cultured on P3D Scaffolds. For more protocols, please visit our [Resources Platform](#).

Materials

- Qiazol (or other RNA harvesting agent)
- Shaking table
- RNA-clean Eppendorf tubes
- Vortexer
- Ice

Flowchart

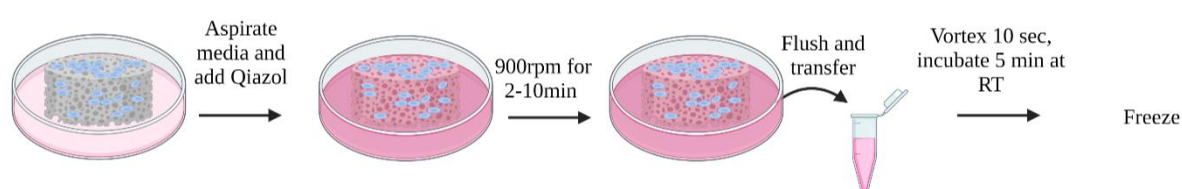


FIGURE 1: WORKFLOW FOR HARVESTING RNA FROM CELLS CULTURED ON P3D SCAFFOLDS.

Notes before starting and general advice on material handling

- All handling of the P3D Scaffolds products should be performed using gloves, according to the standard aseptic methods.
- The scaffolds are supplied sterile by dry heat sterilization and remain sterile until opened.

Procedure

1. Aspirate cell medium.
2. Add 450-500 µL Qiazol to each well.
3. Incubate 2-10 min at RT on shaking table at 900 rpms. Increasing time can increase yield.
4. Flush the scaffold surface by pipetting and transfer lysate to RNA-clean Eppendorf tubes on ice.
5. Mix by pipetting the full volume up and down.
6. Vortex each sample for 10 sec and incubate at RT for 5 minutes.
7. Store samples at -80°C or continue with downstream procedures.

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Technical Data Sheet:

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