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

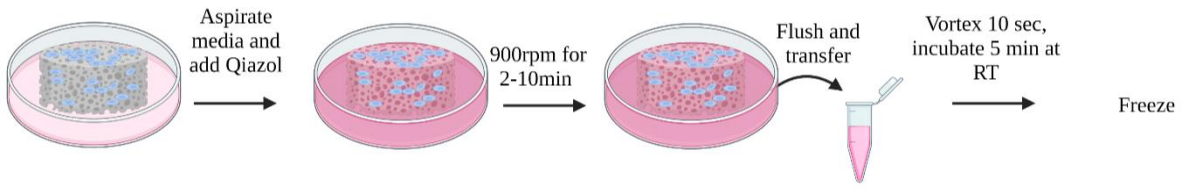

FIGURE 1: *WORKFLOW FOR HARVESTING RNA FROM CELLS CULTURED ON P3D SCAFFOLDS.*

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 remains sterile until opened.

Procedure

1. Aspirate cell medium
2. Add 450-500 uL 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 min
7. Store samples at -80C or continue with downstream procedures

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Patent status:

The product is protected by one or more US, European, and/or foreign patents.

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