

# PROTOCOL

## Harvesting RNA from cells cultured on P3D Scaffolds

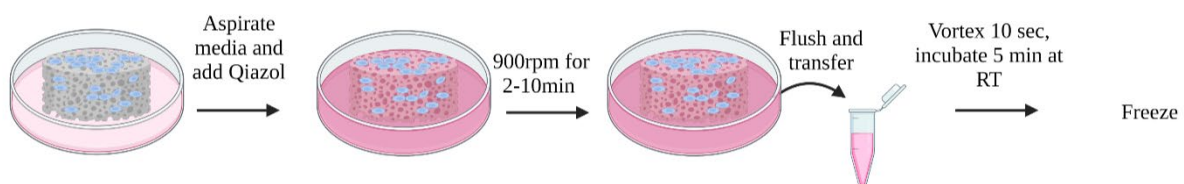
### Application

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 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 minutes.
7. Store samples at -80C or continue with downstream procedures.

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