

PETAKA-ET TURBO PROTOCOL, a single step procedure to obtain free cell suspensions from a monolayer.

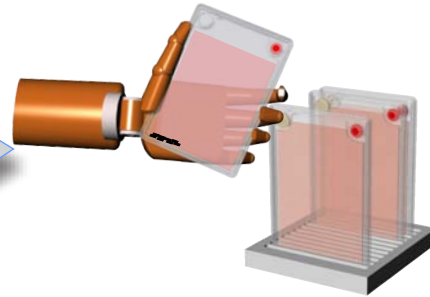
**the fastest and smartest
way to get,
single cell suspensions
from anchored cells,
without enzymes or
Ca chelation**

Petaka-ET™

A SINGLE STEP
PROTOCOL:

*OBTAINING SINGLE CELL
SUSPENSIONS
FROM PETAKA-ET*

Take incubated Petaka ET
from the incubator



Put incubated Petaka ET on top
of the powered Cell Flipper
platform and allow the gliders to
oscillate randomly for 30 sec.
to 1 minute

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The most gentle cell detachment procedure
The highest rate of cell viability
The lowest rate of cell damage

COMPARED TO THE CLASSIC TRYPSIN EDTA PROTOCOL

1. Grow cells up to 75% confluent
2. Completely extract all the media from the Petaka
3. Inject 4 ml of 0.25% Trypsin-EDTA solution
4. Shake gently whilst maintaining in a horizontal position until all internal surfaces are bathed in the trypsin solution
5. Incubate at 37°C for 3 min in a horizontal position (on both sides)
6. Check Cell detachment under the microscope
7. **WHEN CELLS ARE DETACHED!** Tap the Petaka 2-3 times

PETAKA-ET INCORPORATES THE PETAKA G3 TECHNOLOGY PLATFORM.

- No additional CO₂ required for any type of media, although the PetakaG3™ device can also be used in CO₂ incubators

- No added humidity required (not influenced by environmental dehydration)

Up to 30 million cell per device.

- Secure against contamination (no caps, no openings, no spills)
- Robust structure (without breakable films)
- Designed to ship live cells without requiring freezing and dry ice
- Optimizes media and growth factor supplies
- Provides more cell culture surface area per incubator capacity
- Both surfaces may be viewed together using any type of light microscope
- In vitro cell dormancy is easily accomplished
- Allows storage of pre-filled units that are ready to host cells
- Easy to handle
- Operates in any position
- Completely safe & versatile
- Each Petaka-ET is individually bar coded for easy tracking

CULTURE ALL YOUR CELLS IN PETAKA-ET !