Adherent or Suspension:
Which is Right for Your Lab?

A wide variety of cell culture platforms to support your process

When it's time to choose a cell culture method for your lab, you need to consider what platform and method is right for your cell type, application and goals. Choosing adherent or suspension methods depends on more than just the cell type; do you need scale, or do you need results quickly? Knowing what your end goals are will help you make the choice.

ADHERENT OR SUSPENSION:
Advantages and Disadvantages at a Glance

ADHERENT

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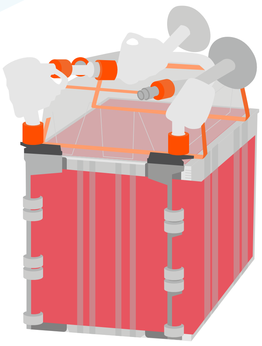
- Ease of use
- Variety of surface treatments and biologically relevant coatings
- Specific cell lines require an anchorage-dependent biologically relevant environment
- Easy to visualize cells to monitor morphology
- Quick transition on a consistent platform



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- Scalability limited by surface area
- May have fixed or more limited media volume requirements

SUSPENSION

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- Scalability allows for larger volumes for clinical applications
- Serum-free options available for adherent applications
- New and emerging automation technologies allow for efficiency and consistency

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- Transition time to move adherent cell types to suspension culture
- Some cell types are sensitive to shear stress
- Difficulty visualizing cells

Both adherent and suspension scale-up methods have pros and cons. Consulting an expert to help map out your process development is a great way to get started.

Complete our short contact us form to connect with one our Field Applications Specialists to determine which cell culture platforms are best for your process.

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