



PlaqueReady™ Models

Pre-plated, Assay-Ready
Cryopreserved Cells

The Challenges of Routine Cell Culture



Time and Resources Intensive

Routine cell culture requires specialized equipment, materials, and sustained effort for maintenance.



Risk of Contamination

Bacterial, fungal, or viral contaminants can alter cell behaviour and invalidate experimental results.



Assay Variability

Inconsistent results and data reproducibility challenges.



Plastic Waste

Disposable flasks, plates, and pipettes all contribute to lab-generated waste.

Optimized for Performance

- Consistent and Reliable Results
- Quality Assurance
- Effortless Three-step Procedure
- Ready to use 24 hours post-thaw
- Eliminates the Need for Cell Counting or Culturing
- Minimise Contamination Risk
- Shelf Life of 9 Months
- Decrease the time dedicated to standard cell culture practices by 90%
- Reduce Plastic Waste By 86%

The Solution: PlaqueReady™ Plates

The answer is straightforward: eliminate routine cell culture! With just four easy steps, PlaqueReady™ Plates are prepared and available for your virology research applications within 24 hours.



Store

Store BHK-21 or Vero plates at -80 °C



Thaw

Use your standard medium warmed to 37 °C



Incubate

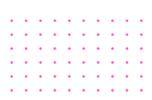
Cells are ready in 24 hours



Ready-to-Use

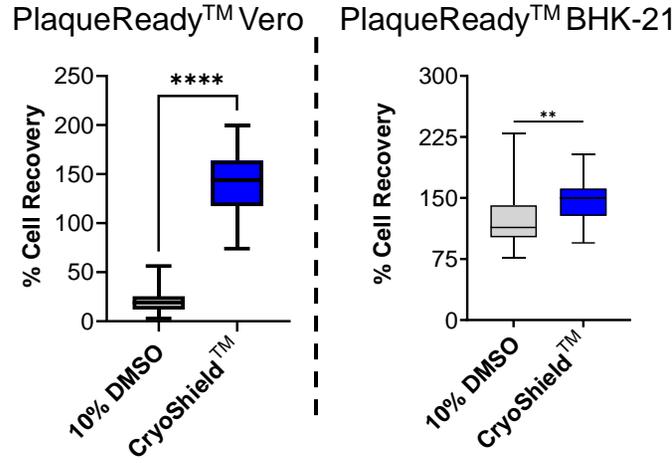
Compatible with all assay including EN14476 testing





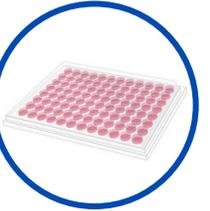
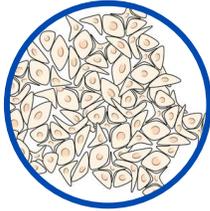
Performance

Total Viable Cell Recovery

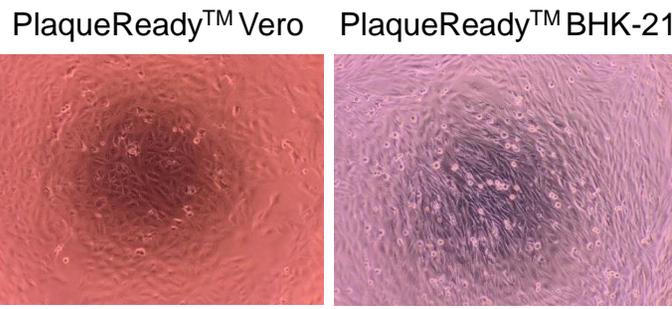


Current PlaqueReady™ Products

PlaqueReady™ plates are provided at three different confluency levels and two different plate formats to ensure compatibility with your assays. Cell lines currently offered include the widely used BHK-21 and Vero cells.

| Cell Line | Well Plate Format | | | Confluency Levels |
|---|---|---|---|---|
|  |  |  |  |  |
| BHK-21 & Vero | 12 Well | 24 Well | 96 Well* | High > 70% |

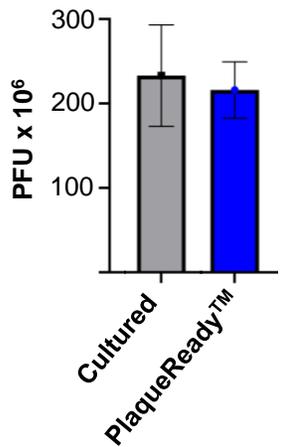
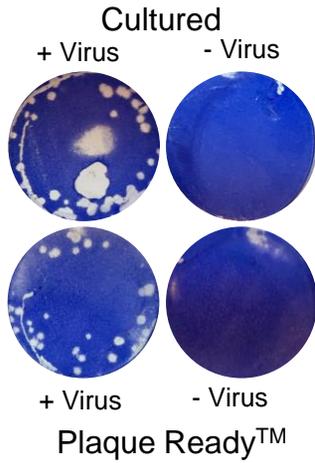
Immediate Adherent Morphology



| REF Number | Cell Line | Well Plate | Confluency |
|-----------------|-----------|------------|------------|
| BHK20024PSCLHIG | BHK-21 | 24, clear | High |
| BHK20096PSCLHIG | BHK-21 | 96, clear | High |
| VERO0012PSCLHIG | Vero | 12, clear | High |
| VERO0096PSCLHIG | Vero | 96, clear | High |

* The outer wells of 96 well plates contain no cells to reduce edge effects. The inner 60 wells contain cells.

Virology Applications



Contact Us

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 www.cryologyx.com



Simplifying and accelerating cell-based assays

