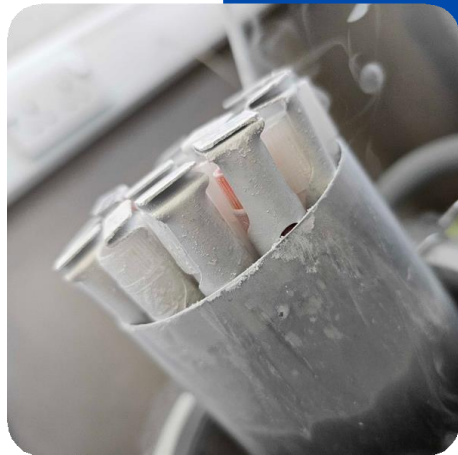


## Meet our latest cryopreserved THP-1 vials and 96-U plates

Our latest THP-1 vials and plates eliminate the need for time-consuming culture processes, allowing for immediate post-thaw use.

Achieve efficiency and consistency effortlessly with our ready-to-use cells, crafted to perform as well as non-frozen cells.



## Key Benefits

### Enhanced Cell Recovery

Each vial is prepared with 5 million cells, ensuring immediate readiness for plating or the direct purchase of cells pre-cryopreserved in plates.

### Optimal Growth Rate

Cells proliferate at a standard pace, guaranteeing they are assay-ready and providing the required cell quantities.

### Minimal Apoptosis

Cells maintain viability consistently, with apoptosis levels similar to fresh cells cultured for weeks.

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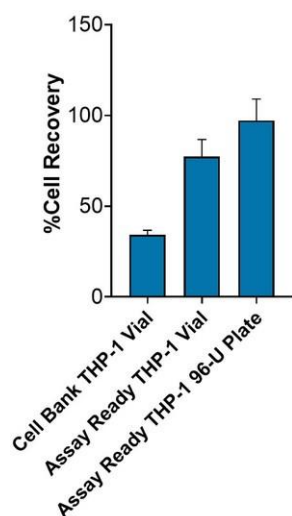
**CliniSciences Group**

# WHY CryoLogyx THP-1 Vials and Plates

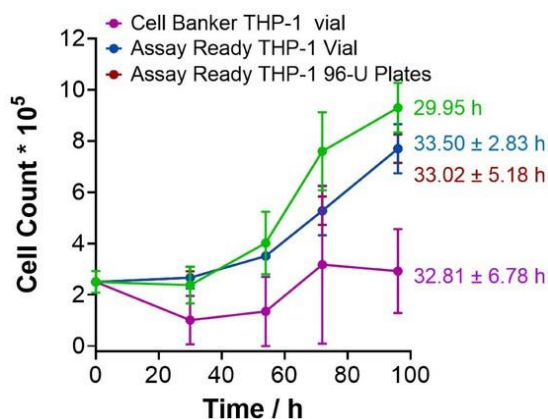
Our cryopreserved Assay Ready THP-1 vials and 96-U plates have high cell recoveries (over 80%) and are packed with enough cells for you to start your experiments within 24 hours. Our vials contain 5 million THP cells per vial and each well of our plates contains 50k cell/well (500k cell/mL).

## Data Dashboard

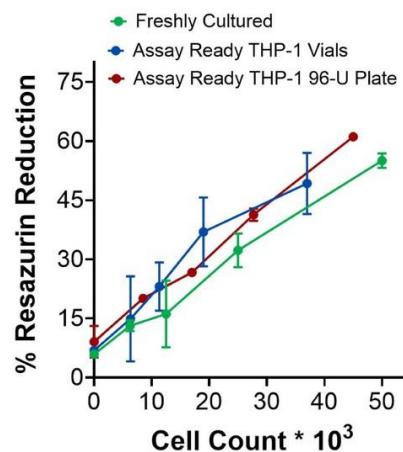
### Higher Cell Viability and Recovery



### Consistent Cell Growth Rates

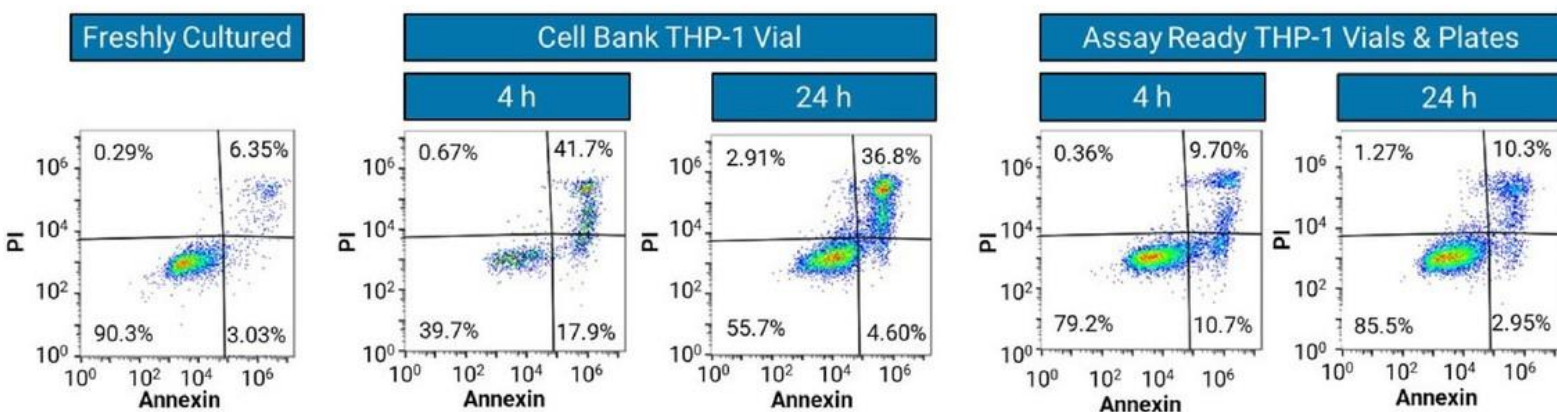


### Normal viability & metabolic activity



THP-1 Cryovials provided by cell bankers lead to poor recovery and poor growth rates. CryoLogyx's Assay Ready vials and plates are preserved with CryoShield™ to maximise post-thaw cell recovery, ensuring enough cells are present for experiments within 24 hours.

### Minimize Apoptosis Cell Death



Assay Ready THP-1 vials and 96-U plates present near-identical apoptosis levels to freshly cultured cells 24 hours post-thaw to ensure viability and compatibility with assays. In comparison, THP-1 cells received from cell bankers present high levels of apoptosis even 24 hours post-thaw resulting in stunted growth making your assays take longer.

#### References:

1. Biomater. Sci., 2023, 11, 7639–7654
2. ACS Appl. Bio Mater. 2020, 3, 9, 5627–5632
3. ACS Appl. Mater. Interfaces 2023, 15, 2, 2630–2638

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CRYOLOGYX



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