

PRODUCT SPOTLIGHT



ThawReady™ by ATCC

FROM FROZEN TO DATA IN ONE DAY

Cell-based assays have lengthy timelines due to the requirement of cell expansion processes to get a synchronized cell stock. To speed your timelines while providing you with the consistency you need, ATCC developed ThawReady™ Assay Ready Cells.

- Eliminate lengthy cell expansion – saving cost, time, and lab space
- Ready within hours of thawing
- Scalable for high-throughput assays

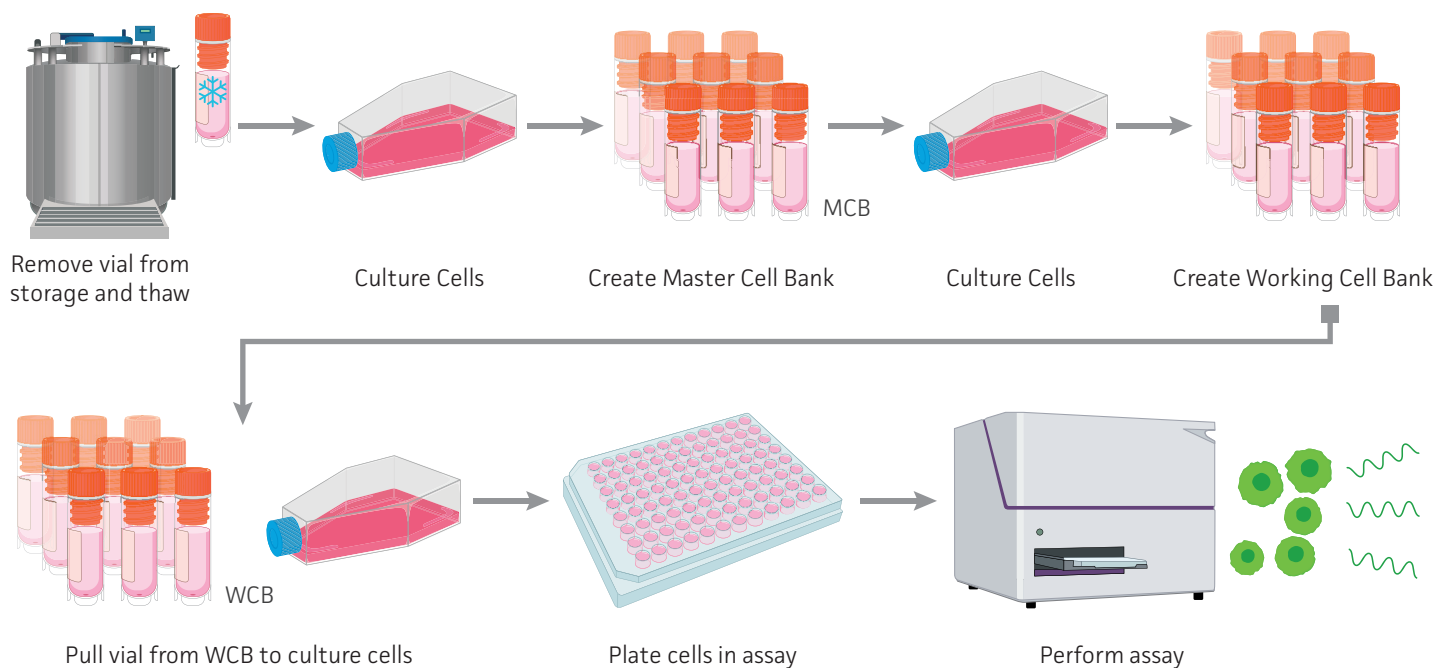
EXPLORE THAWREADY™ ASSAY READY CELLS

| ATCC Number | Name | Features |
|--------------------------------------|--------------------------------------|---|
| TIB-202-AR | ThawReady™ THP-1 | ThawReady™ parental cell line; single vial |
| TIB-202-AR3 | ThawReady™ THP-1; 3-Pack | ThawReady™ parental cell line; 3 vial pack |
| TIB-202-AR5 | ThawReady™ THP-1; 5-Pack | ThawReady™ parental cell line; 5 vial pack |
| TIB-202-AR10 | ThawReady™ THP-1; 10 pack | ThawReady™ parental cell line; 10 vial pack |
| TIB-202-NFkB-LUC2-AR | ThawReady™ THP-1 NF-kB-Luc2 | ThawReady™ Luciferase expression under control of NF-kB promoter; single vial |
| TIB-202-NF-LUC2-AR3 | ThawReady™ THP-1 NF-kB-Luc2; 3-Pack | ThawReady™ Luciferase expression under control of NF-kB promote; 3 vial pack |
| TIB-202-NF-LUC2-AR5 | ThawReady™ THP-1 NF-kB-Luc2; 5-Pack | ThawReady™ Luciferase expression under control of NF-kB promote; 5 vial pack |
| TIB-202-NF-LUC2-AR10 | ThawReady™ THP-1 NF-kB-Luc2; 10 pack | ThawReady™ Luciferase expression under control of NF-kB promote; 10 vial pack |

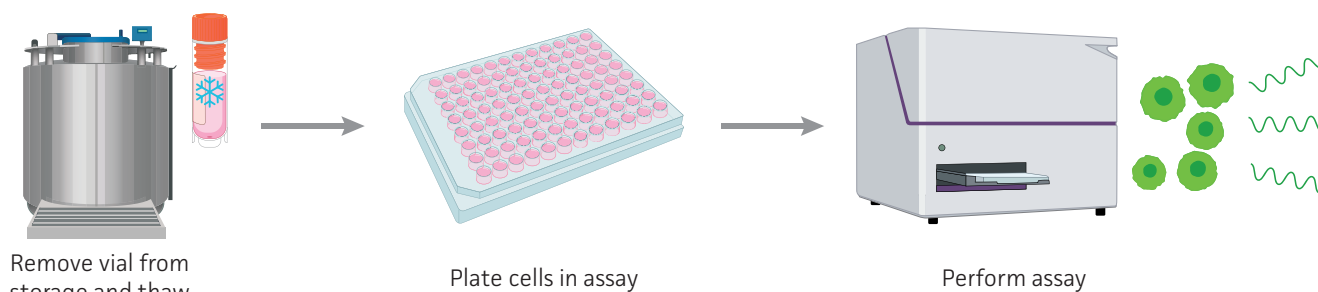
Our first ThawReady™ models are THP-1 and THP-1 NF-kB-Luc2. This monocyte cell line was isolated from peripheral blood of an acute monocytic leukemia patient and is now available in an assay ready format for faster results in your critical assays. These cells are versatile and can be used in various research applications:

1. **Immune system disorder research:** THP-1 cells are valuable for studying immune responses, inflammation, and immune cell interactions.
2. **Immunology research:** Investigate cytokine production, phagocytosis, and immune signaling pathways.
3. **Toxicology research:** Assess drug toxicity and evaluate immune-related effects. THP-1 LUC2 reporter cells can be used for measuring immune modulation. Use THP-1 LUC2 cells to quantify immunomodulation. Stimulate with compounds of interest and measure bioluminescence signals.

THE TRADITIONAL CELL CULTURE WORKFLOW



THE THAWREADY™ ASSAY READY CELL WORKFLOW



ATCC ThawReady™ Assay Ready Cells will streamline your workflows by months, allowing you to focus on advancing drug discovery and development. You simply thaw, plate, and go.

EXPLORE THAWREADY™

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