

PSSST... CELLS ARE SLEEPING!



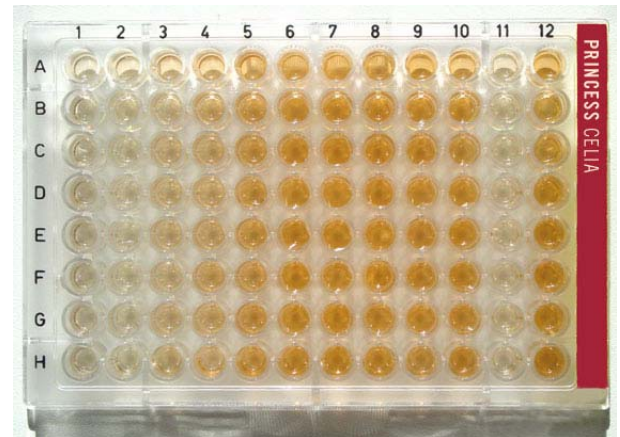
PRINCESS®

SLEEPING CELLS FOR INSTANT USE

provided by
CCS CELL CULTURE SERVICE
certified to ISO 9001:2000

PRINCESS® CELIA - Instant Cytotoxicity Assay

PRINCESS® CELIA – the Instant Cytotoxicity Assay defines a new generation of cell based assays. Cells are frozen in microwell plates without toxic cryoprotectives and are stable at -80°C for several months. The assay plates can be used immediately after thawing without passaging or washing the cells. Cells are revitalised simply by adding medium. You will work with identical cells from the same batch in series of assays. No pre-cultivation or expansion of cells is necessary. For routine cytotoxicity assay different cell lines are prepared in Princess assay plates and can be analysed with common viability protocols.



XTT Assay

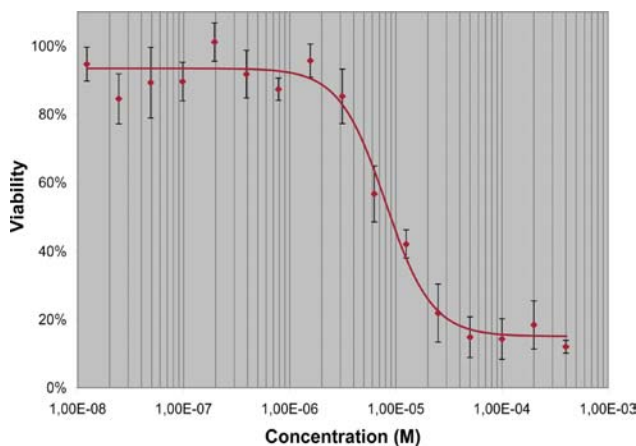


Fig. 1: Determination of IC₅₀ Cytotoxicity using Princess CELIA Instant Assay Plates.

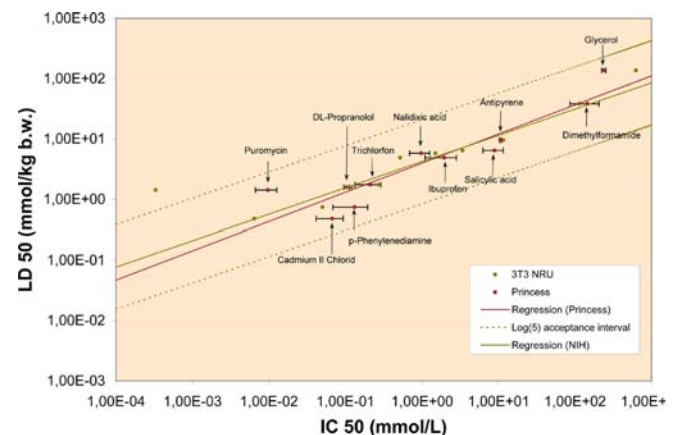


Fig. 2: Princess CELIA was qualified to be a valid alternative to animal experiments. According to the recommendations of a NIH guidance document, 11 Reference chemicals were tested. The results were subjected to a regression analysis with LD₅₀ data from animal testing.

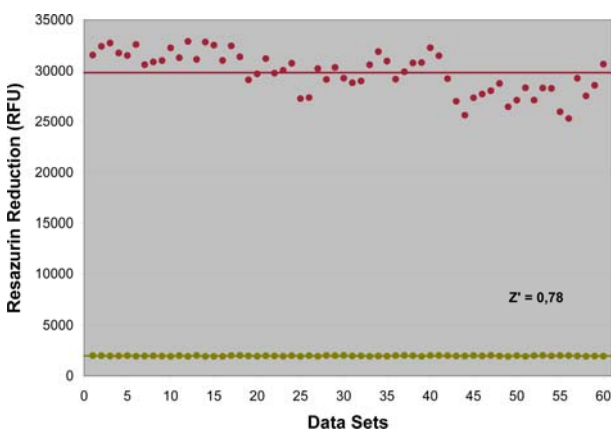


Fig. 3: Z'-Factor of Princess CELIA - Instant Cytotoxicity Assay with L929 murine fibroblasts was analysed with Resazurin dye.

- ✓ Easier Assay Scheduling
- ✓ Highly Reproducible & Reliable
- ✓ Alternative to Animal Testing

Cell Lines: - L-929 murine fibroblasts
- HepG2 human hepatoma

Assay Reagents: - Resazurin
- XTT
- Suforhodamine B