

PSSST... CELLS ARE SLEEPING!



PRINCESS®

SLEEPING CELLS
FOR INSTANT USE

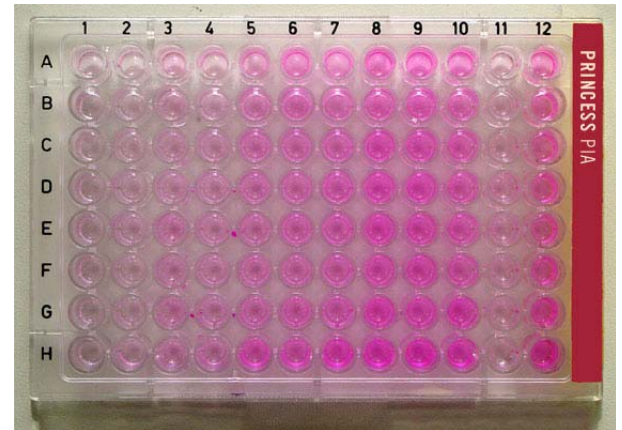
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PRINCESS® PIA - Instant Proliferation Assay

PRINCESS® PIA – the Instant Proliferation Assay was developed for the fast and reliable screening of new cytostatic drugs for cancer therapy.

Well characterized human tumor cell lines are frozen in microwell plates without toxic cryoprotectives and can be stored at -80°C for several months. The assay plates are ready-to-use after thawing. No passaging or washing of the cells is necessary.

For routine proliferation assays various tumor cell lines from the NCI “In Vitro Cancer Screen” are prepared in Princess assay plates that can be used with common proliferation protocols.



Sulforhodamine B Assay

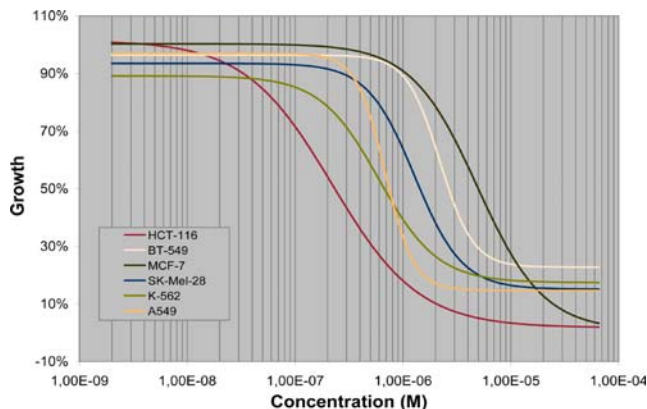


Fig. 1: Determination of IC50 value using Princess PIA Instant Proliferation Assay.

- ✓ **Fast Cytostatic Drug Screening**
- ✓ **No Cell Expansion or Passaging**
- ✓ **Highly Reproducible & Reliable**

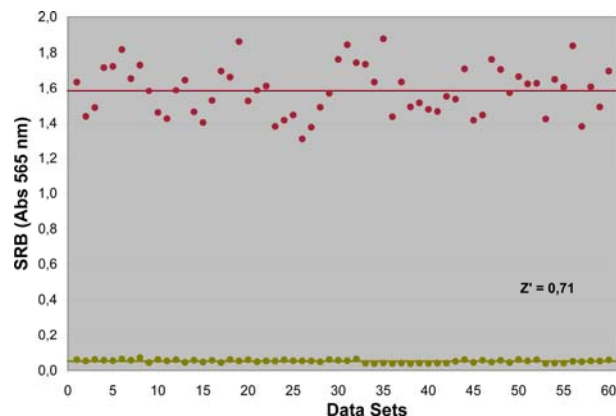


Fig. 2: Z'-Factor of Princess PIA - Instant Proliferation Assay with Hct-116 cells analysed with Sulforhodamine B.

Cell Lines:

- SK-Mel-28 human melanoma
- MCF-7 human breast carcinoma
- A549 human lung carcinoma
- HCT-116 human colon carcinoma
- HepG2 human hepatoma
- K562 human leukaemia
- BT-549 human breast carcinoma

Assay Reagents:

- Sulforhodamine B (SRB)
- Resazurin
- XTT