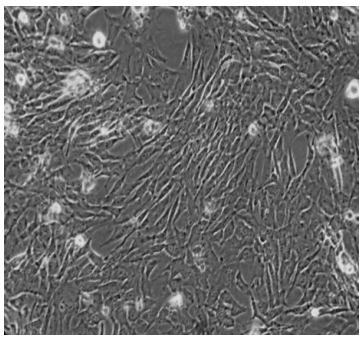
Syrian Hamster Embryo Cells (SHE Cells)

Introduction



Syrian Hamster Embryo Cells are isolated from a 13 day pregnant Syrian Hamster acquired from Charles River Laboratories by dispase enzymatic digestion of embryos. Cell isolation is performed aseptically following the guidance document: OECD Environment, Health and Safety Publication-*Guidance Document on the in vitro Syrian Hamster Embryo (SHE) Cell Transformation Assay*. Primary cultured cells are then allowed to grow 2-4 days prior to cryopreservation.

Special care has been taken to isolate these cells under the above guidance and also as specified in Maire et al. or in the EURL ECVAM DB-ALM protocol for conducting the ***Syrian Hamster Embryo Cells Transformation Assay*** (**SHE CTA**). These frozen cells may be used as feeder cells ($2x10^6$ cells) and also as target cells ($1x10^6$ cells) of the treatment and endpoint measurement in the Cell Transformation Assay.

Product characteristics

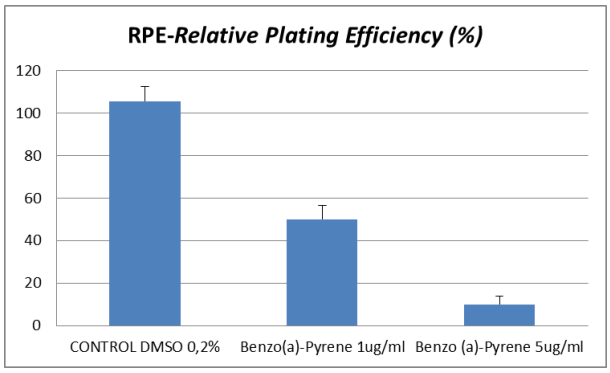
Organism: *Mesocricetus auratus*
Common name: Golden Syrian Hamster
Tissue: Embryo.
Cell type: Syrian Hamster Embryo Cells
Cell Passing number: 1
***Viable cells* per vial** (post-thawing): $1x10^6$ cells or $2x10^6$ cells.
Growth properties: Adherent (plastic)

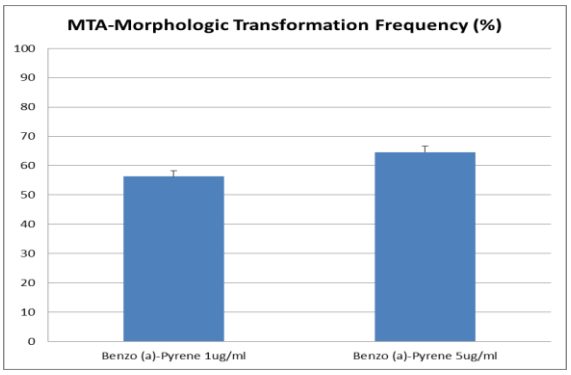
Handling instructions

Please follow protocols stated either in OECD *Document on the in vitro Syrian Hamster Embryo (SHE) Cell Transformation Assay* or in EURL ECVAM DB-ALM protocol.

Cell or Test System

These SHE cells have been checked for their cloning efficiency and susceptibility to cell transformation as per the above guidance.





Safety Statements

Health quality controls regularly performed on these hamsters including bacteriology, virus serology and parasitology controls, certify these animals to be free of pathogens.
These cells have been tested negative for Mycoplasma and other microorganisms.

Storage:

Store in liquid nitrogen. For best results, use upon arrival

Note: *If this product does not arrive in good condition, please contact gallot@cellulis.com*