

CatN^o: **RE781**
 Lot#: **92-200421VE01**

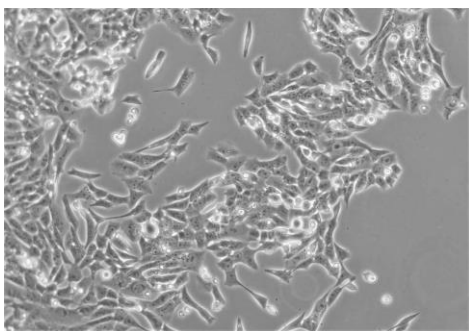
PRODUCT DEFINITION

Cryopreserved cells for instant use in cell-based assays. Single cell suspension in DMEM based freezing medium containing 10% fetal bovine serum and 5% DMSO.

QUALITY SPECIFICATION

	Batch Quality Control	Specification Limits
Cell Count ¹	5.83E+05	≥ 4.50E+05
Viability after thawing ¹	98 %	≥ 90 %
Proliferative Capacity ²	90 %	≥ 85 %
Debris/Cell Ratio ¹	0.1	≤ 0.8
Aggregation ¹	1.6	≤ 2.0
Sterility (bacteria, yeast, fungi) ³	sterile by visual inspection	negative after four days
Sterility (mycoplasma) ⁴	negative by PCR	negative
Morphology	unsuspicious	compared to reference image
Responsivity (0.6µM Mitomycin C)	17 micronuclei	≥10 micronuclei

¹: as determined by CASY TT cytometer, ²: growth of the cells within 72 hours after thawing in relation to an exponentially growing culture. ³: by microscopic/visual control after four days of culture in the absence of antibiotics, ⁴: as determined in the cell culture supernatant after four days of cultures by PCR.

MORPHOLOGY


Morphology of cells 24 hours after seeding

FUNCTIONAL TEST:

Assay Ready Cells were thawed, washed once in 10 ml recovery buffer and seeded into a 3-well chamber slide at a density of 6E+03 c/cm². Incubation for 24 h at 37 °C and 5 % CO₂. The supernatant was discarded after adherence of the cells and replaced by positive control Mitomycin C (0.2 µg/ml). After 16 h of incubation at 37 °C and 5 % CO₂, the cells were fixed and stained with Fluoroshield for microscopic analysis. To determine Genotoxicity and Viability a total of 2.000 cells was counted.



V79 Assay Ready Cells

Certificate of Analysis

STORAGE

Below -150°C (e.g. in liquid nitrogen)

Keep on dry ice during inner company transportation and before thawing'

Best before:

LIMITED USE

The product is sold under the terms of a Limited Use Label License attached to the product. By breaking the seal of the product package, the user explicitly agrees to the license terms. Assay Ready Cells are for immediate assay use only. The user shall not propagate, passage, or refreeze the cells with the purpose to multiply them.

