

Certificate of Analysis



Human Fetal Fibroblast (HFF) Mitomycin-C Treated, Xeno-Free/FBS-Free

Research grade

Storage temperature: In vapor phase of liquid nitrogen
Volume: 1.0 mL in one vial
Cat no. CBI010220
Lot no. 181015

Test Parameters	Specification	Results
Total Viable Cells	$\geq 1.5 \times 10^6$ cells	2.0×10^6 cells
Viability	$\geq 70\%$	90%
Proliferation test	Acceptable	Acceptable
Human Pathogen Testing ¹	Negative	Acceptable
Sterility ²	Negative	Acceptable
Mycoplasma ³	Negative	Acceptable
Identity Testing	Acceptable	Acceptable
Human ESC support ⁴	Pass	Acceptable

1. Cells are tested for HIV1, HIV2, HLTV1, HLTV2, Hepatitis Virus A, Hepatitis Virus B and Hepatitis C.
2. The test was conducted in accordance with the USP 71 <Sterility test>.
3. PCR-based assay was sensitive to detect the contaminants typically found in the cell culture.
4. The qualification was based on the morphology, growth, and immunostaining of human ESC culture for multiple passages.

Caution:

These cells are only for research use only and not intended for human or animal diagnostic or therapeutic use.

Approved: Lin
Quality Manager

Date: 31-10-2018