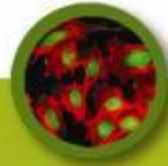




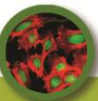
CELLular
Dynamics
international

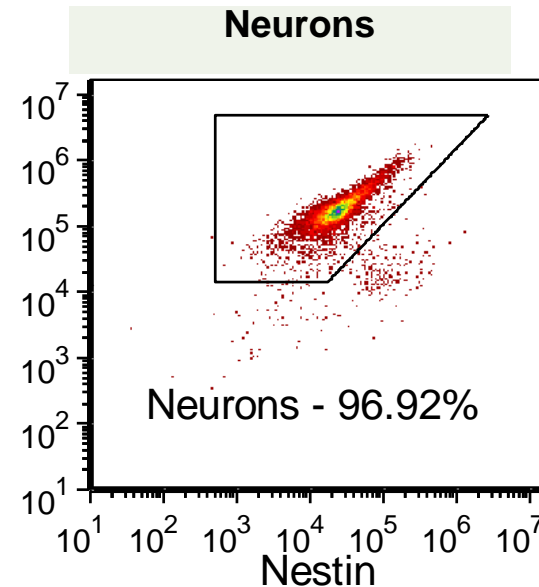
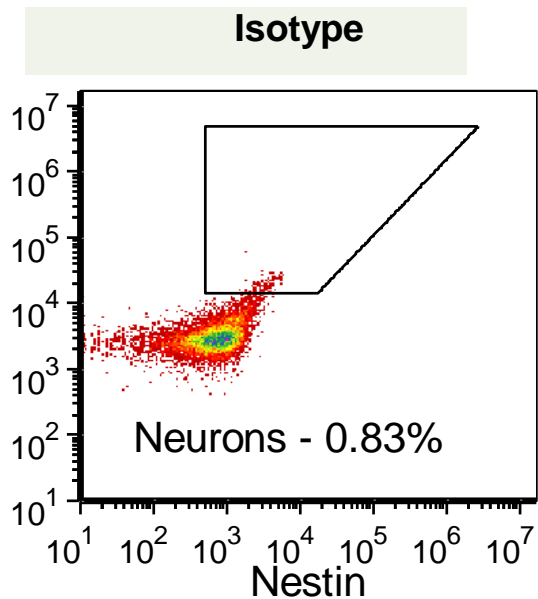
ENCODE: *H1-Derived Neurons*

11/3/2011

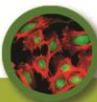


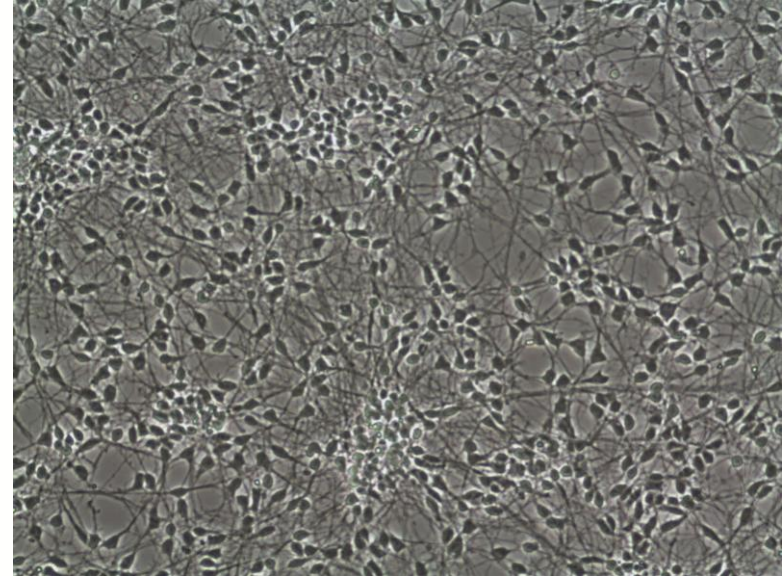
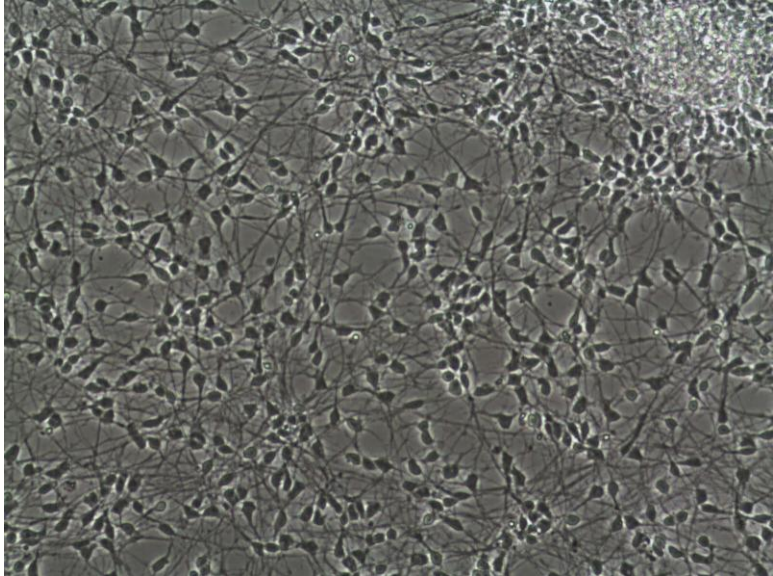
- Harvested on Day 28 of differentiation
- Final vial counts:
 - Total neurons: 700M
 - Snap frozen (2×10^6 cells/vial): 35 vials
 - Cross-linked (1×10^7 cells/vial): 63 vials



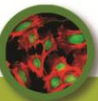


H1-derived neurons represent a highly pure population as demonstrated by flow cytometric analysis of β III tubulin (TuJ1) and the absence of nestin; *Day 27 of differentiation.*





Day 28 images, 100X magnification



Case Details:

Cell Line: H1 **Passage #:** 31

Date of Sample: 9/26/2011

Date Completed: 10/12/2011

Results: 46,XY **Apparently
NORMAL Male Human**

of Cells Counted: 20

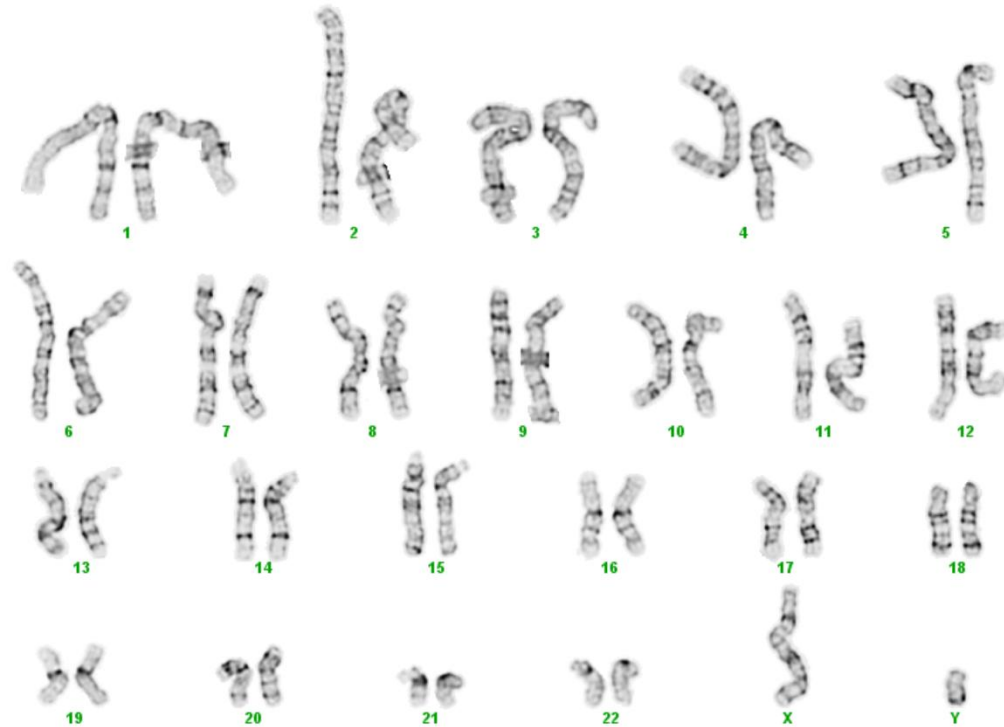
of Cells Karyotyped: 2

of Cells Analyzed: 5

Banding Technique: GTL

Band Resolution: Good

Non-clonal Aberrations: 45,X,-Y (one cell)



Interpretation: Cytogenetic analysis was performed on twenty G-banded metaphase cells from human cell line H1 p31. Nineteen cells demonstrated an apparently normal male karyotype, while one cell demonstrated a non-clonal chromosome aberration (listed above) which is likely a technical artifact. No abnormal cells with trisomy 12 and/or 17 were detected.

