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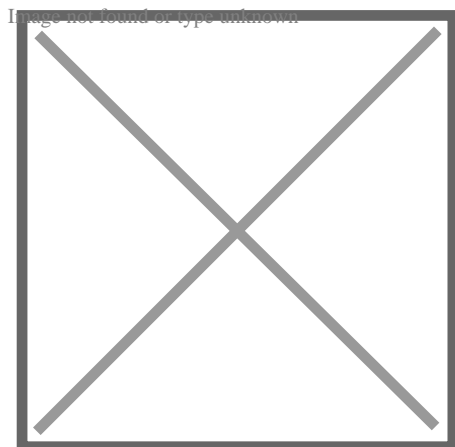
Human Neural Stem Cell Differentiation Media

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MSDS 813D-100A
MSDS 813D-100N
MSDS 813D-100O
MSDS 813D-250

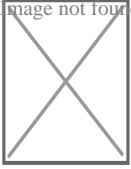
Description

**Specialized Media Differentiate Human
Neural Stem Cells (HNSC) to 3 Lineages**



HNSC stain for Nestin (green) and Sox2 (red) (A). HNSC cultured in Medium 813D-100A differentiate to Astrocytes (GFAP, red) (B), those in 813D-100N differentiate to Neurons (Class III β -Tubulin, green) (C) and cells in Medium 813D-100O differentiate to Oligodendrocytes (O4, green) (D). All cells are counterstained with nuclear-specific DAPI (blue).

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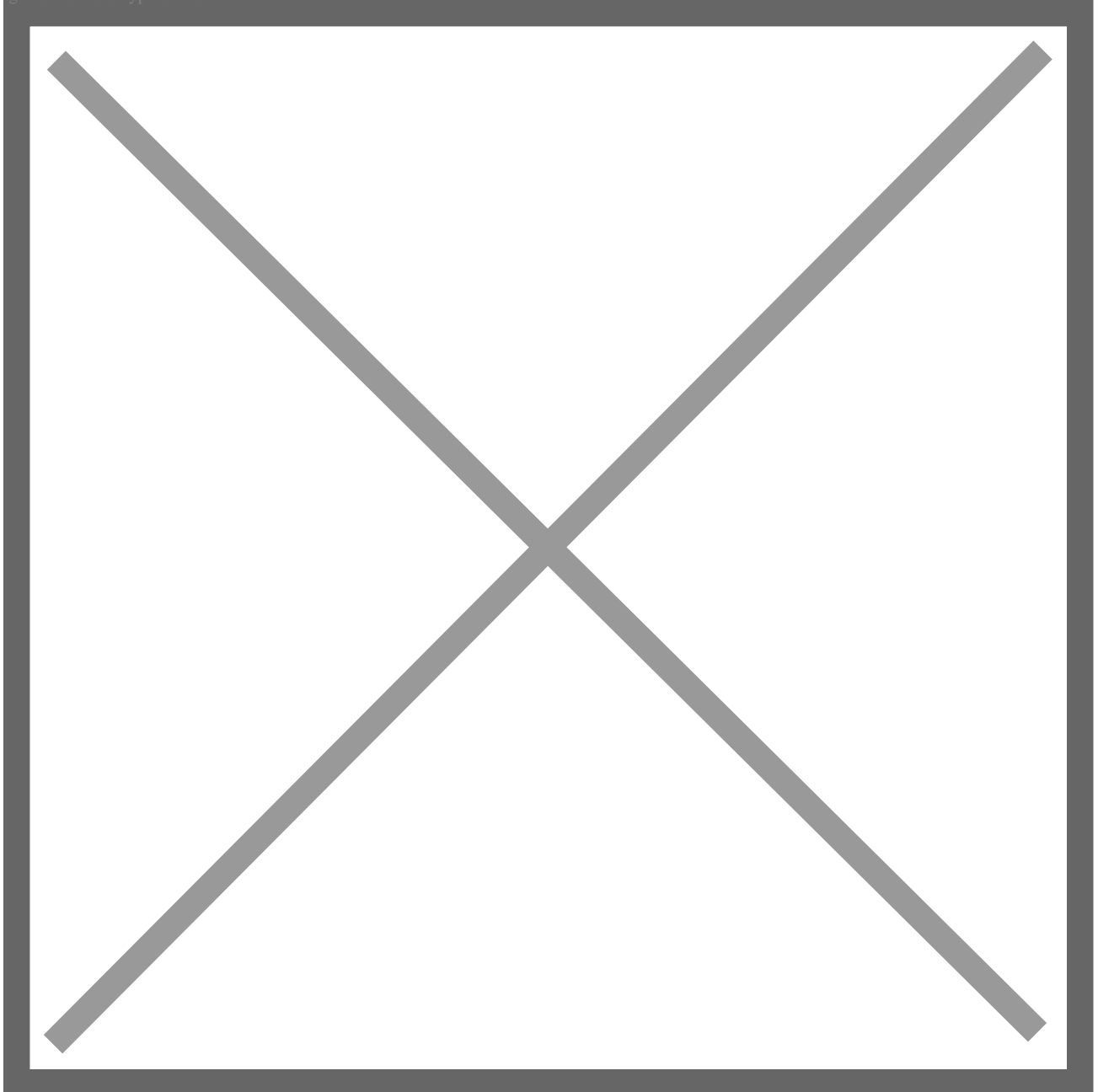


Each medium in this series is carefully optimized to differentiate Human Neural Stem Cells (HNSC) into a unique lineage: Astrocyte (813D-100A), Neuron (813D-100N) or Oligodendrocyte (813D-100O).

Use with:

- Human Neural Stem Cells: HNSC ^[1]

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^[2]
Human Neural Stem Cell Differentiation Medium, for sterile in vitro change of multipotent cells toward specialized lineages including astrocyte, neural and oligodendrocyte.

Details

CAI media are tested for sterility in order to confirm no bacteria, yeast or fungi contaminate the solutions. The products undergo further quality control for correct pH, osmolality and lack of endotoxins. A panel of

different bioassays affirm the media sustain a proper environment for expected cell-type-specific culture, growth, plating, karyotype, physiology, morphology, viability, population doublings, surface markers, cryopreservation, differentiation and/or induction.

Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

[MSDS 813D-100A](#) ^[3]

[MSDS 813D-100N](#) ^[4]

[MSDS 813D-100O](#) ^[5]

[MSDS 813D-250](#) ^[6]

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[\[2\]](#)

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