Feeder free medium for ES/iPS cells

StemFit® Basic02

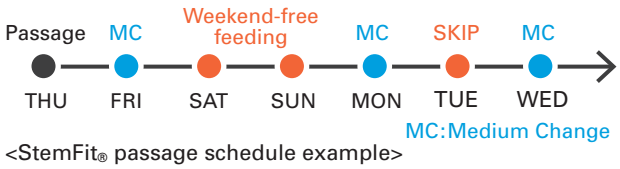
StemFit®, the smart media

Weekend-free feeding –

Let StemFit® feed your cells

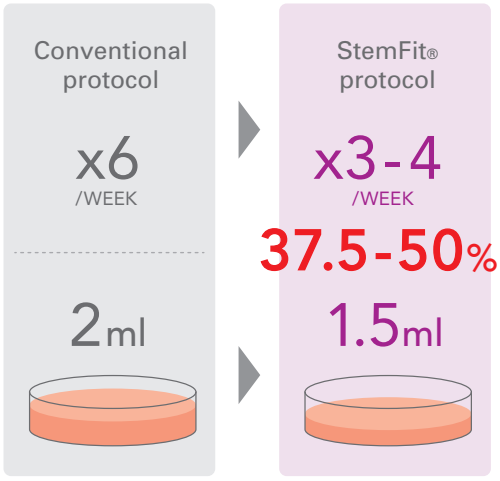
while you enjoy your weekend

● Less frequent medium changing



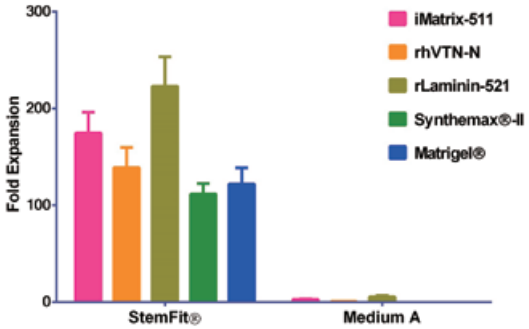
<StemFit® passage schedule example>

● Lower medium volume (6-well plate)



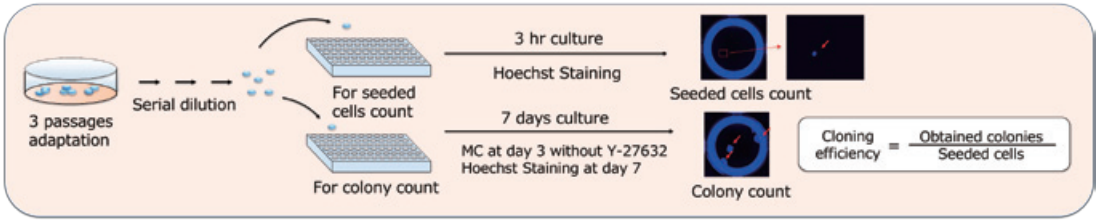
● Superior growth performance on any matrices

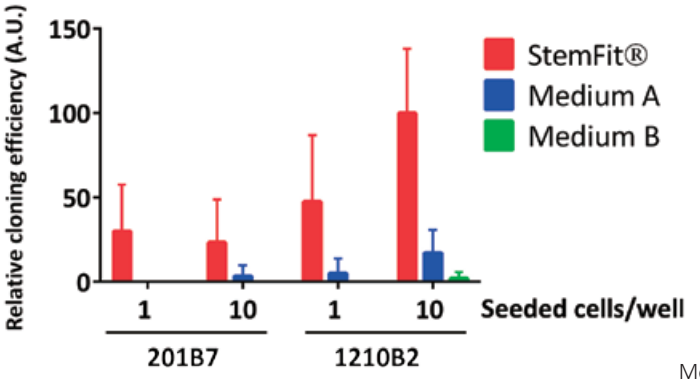
>x100



Human 201B7 iPSCs grown on MEFs (feeder-dependent) were transitioned to feeder-free conditions with StemFit® or commercially available medium A on respective ECMs (1000 cells/cm^2), and cultured for one week.

Superior colony-forming efficiency from a single cell clone



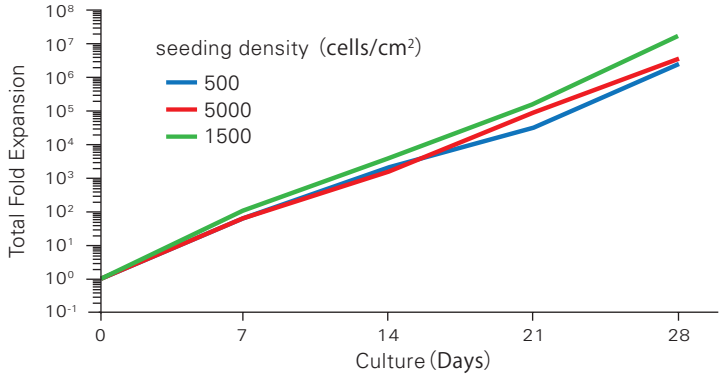


Means ± S.D. (n=3)

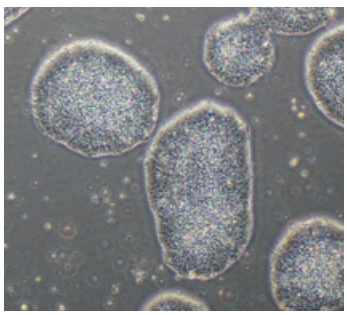
Human iPSCs were adapted to StemFit®, or commercially available medium A or B on Matrigel® for more than 3 passages. Then, cells were serially diluted and seeded with each medium on Matrigel®-coated 96-well plates at 1 cell/well or 10 cells/well. The number of seeded cells was counted after 3 hours, and colonies were counted at day 7.

Highly stable and reproducible single-cell and feeder-free culture system

Total fold expansion



Colony Morphology



Human 201B7 iPSCs were cultured on iMatrix-511 with StemFit® for 4 weeks without weekend feeding. Cell colonies were dissociated into single cells and seeded at the listed densities.

Eat Well, Live Well.

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For further information, please contact here. stemfit@ajinomoto.com

AJINOMOTO CO., INC. AminoScience Division http://www.ajinomoto.com/en

15-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo 104-8315, Japan