SCREEN

Cell³iMager neo

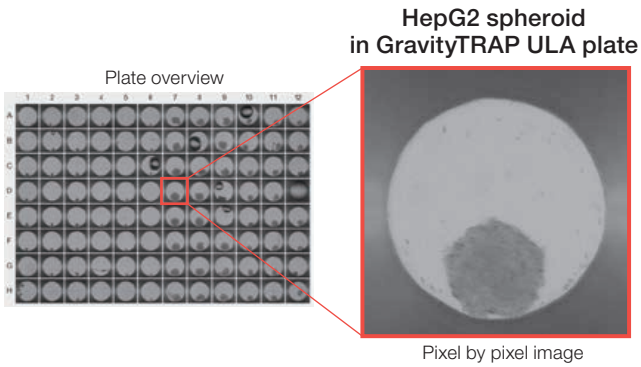
3D Cell Culture in Gravity TRAP™

KEYWORD 1) Spheroid 2) 3D culture 3) Hanging Drop 4) Label free assay

SUMMARY Spheroids formed by the method of hanging drop were moved to Gravity TRAPTM ULA plate, and quantified by Cell³iMager neo.

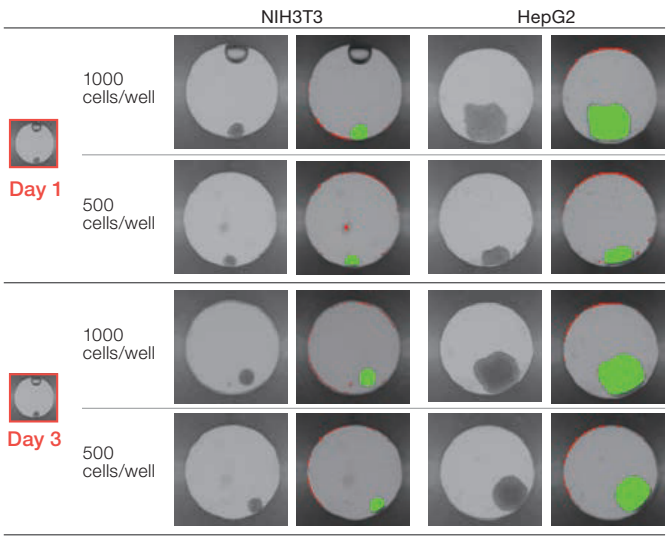
Materials and Methods

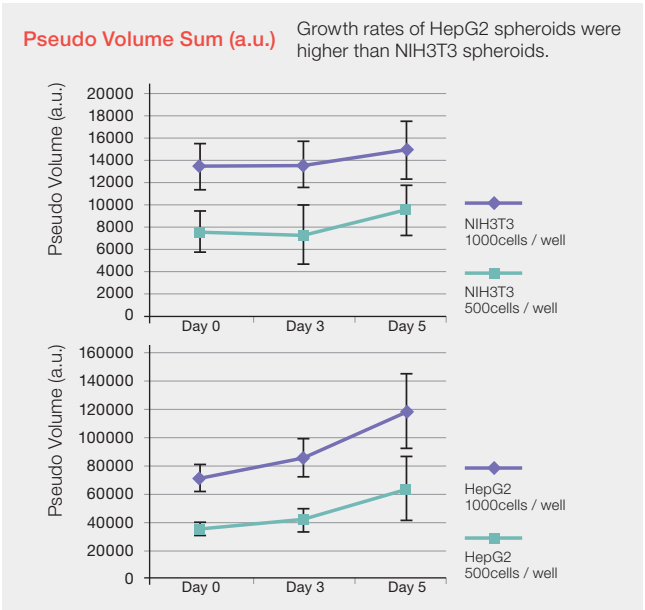
Cell Line: HepG2 cells (RIKEN BRC)
NIH3T3 cells (RIKEN BRC)
Medium: DMEM (Nacalai tesque)
Plate: GravityTRAP™ ULA plate (InSphero)
Seeding cell density: 500, 1000cells / well
Culture days: 5 days after spheroid formation by hanging drop
Imaging methods: Bright-field, 4800dpi
Bracket Focus (stacked)



Results and Conclusions

- It was possible to quantify the spheroids formed by hanging drop for growth rate estimation.





SCREEN Holdings Co., Ltd.

KYOTO(Head office) / Tenjinkita 1-1, Teranouchi-agaru 4-chome, Horikawa-dori, Kamigyo-ku, Kyoto 602-8585, Japan

Life Science Business Development and Sales Division

KYOTO(Rakusai)
Furukawa-cho 322,Hazukashi,Fushimiku,Kyoto 612-8486, Japan
Phone : +81-75-931-7824 / Fax : +81-75-931-7826

TOKYO
7th Floor, Yamatane Bldg., 2-21 Etchujima 1-chome, Koto-ku, Tokyo 135-0044, Japan
Phone : + 81-3-4334-7977 / Fax : +81-3-4334-7978

http://www.screen.co.jp/eng

International Callers;
Call: +1 847 870 7400 X 2423 (or) +1 847 910 3374