

Cat#: RCHEMD006, Lot: R6M110309A

For Research Use Only

► Properties and biological tests

Appearance	Transparent orange liquid
Aseptic test ⁽¹⁾	Negative (day 14)
Mycoplasma ⁽²⁾	Negative
pH ⁽³⁾	7.28
Endotoxin	0.007 EU/mL
Osmotic pressure ⁽⁴⁾	353 mOsm/kg

(1) Cultured using thioglycolic acid medium for aseptic test and SCD medium

(2) Cultured using Myco Trim TC

(3) Measured after 12 h incubation under conditions of 37°C and 5% CO₂

(4) Measured using the freezing point depression method

► Culture test performed using human iPS cells

Methods

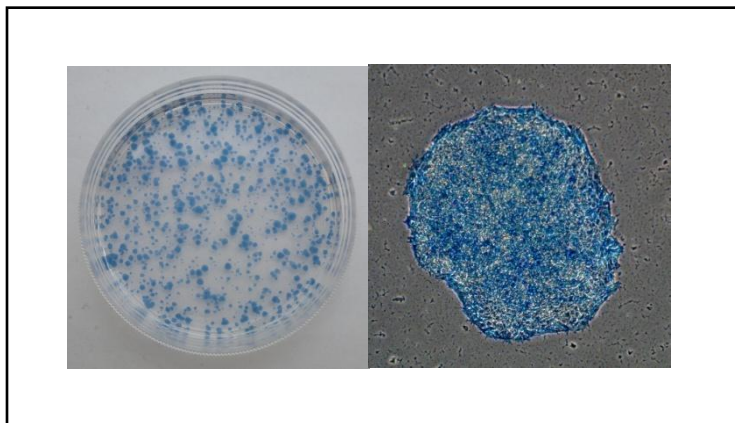
Human iPS cells (201B7; Takahashi, K. et al., *Cell*, 131, 861-72, 2007) were cultured in ReproFF2 for 21 days.

Subsequently, the cell growth and morphology were observed and compared with those of the control.

Alkaline phosphatase activity was ascertained using the ALP substrate kit III (vector).

Results

Alkaline phosphatase activity: Qualified



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