

Cat No. RCHEMD001 Lot No. R1M160309

MFG date 09 Mar 2016 *Store at -20°C, Performance guaranteed until Exp. Date
Expiration date Mar 2019

■ Properties and biological tests

| | |
|--|---------------------------|
| Appearance | Transparent orange liquid |
| Aseptic test ⁽¹⁾ | Negative (Day 14) |
| Mycoplasma ⁽²⁾ | Negative |
| pH ⁽³⁾ | 7.30 |
| Endotoxin | 0.032 EU/mL |
| Osmotic pressure ⁽⁴⁾ | 330 mOsm/kg |

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

⁽²⁾Mycoplasma detection performed by PCR analysis.

⁽³⁾Measured after 12 hours 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**

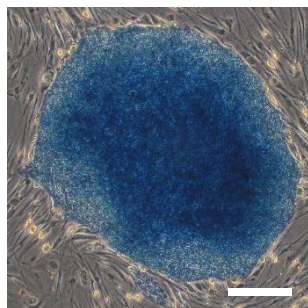
Human iPS cells (201B7; Takahashi, K. et al., *Cell*, 131, 861-72, 2007) were cultured in the Primate ES cell medium in the presence of feeder cells for 4 days.

After 4 passages, the cell morphology was observed.

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

Results

Alkaline phosphatase activity: Qualified



Scale: 250 µm

