

**Cat No. RCHEMD001 Lot No. R1M160212**

**MFG date** 12 Feb 2016 \*Store at -20°C, Performance guaranteed until Exp. Date  
**Expiration date** Feb 2019

**■ Properties and biological tests**

<b>Appearance</b>	Transparent orange liquid
<b>Aseptic test</b> <sup>(1)</sup>	Negative (Day 14)
<b>Mycoplasma</b> <sup>(2)</sup>	Negative
<b>pH</b> <sup>(3)</sup>	7.30
<b>Endotoxin</b>	0.026 EU/mL
<b>Osmotic pressure</b> <sup>(4)</sup>	328 mOsm/kg

<sup>(1)</sup>Cultured using thioglycolic acid medium for aseptic test and SCD medium.

<sup>(2)</sup>Mycoplasma detection performed by PCR analysis.

<sup>(3)</sup>Measured after 12 hours incubation under conditions of 37°C and 5% CO<sub>2</sub>.

<sup>(4)</sup>Measured using the freezing point depression method.

**■ Culture test performed using human iPS cells****Methods**

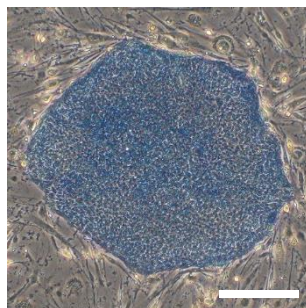
Human iPS cells (201B7; Takahashi, K. et al., *Cell*, 131, 861-72, 2007) were cultured in the Primate ES cell medium in the presence of feeder cells for 4 days.

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

