

**Cat#: RCHEMD008 Lot: B01PF08****MFG date 08 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 <sup>(1)</sup></b>	Negative (day 14)
<b>Mycoplasma <sup>(2)</sup></b>	Negative
<b>pH <sup>(3)</sup></b>	7.40
<b>Endotoxin</b>	0.033 EU/mL
<b>Osmotic pressure <sup>(4)</sup></b>	274 mOsm/kg

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

<sup>(2)</sup>Tested by PCR for the detection of mycoplasma.

<sup>(3)</sup>Measured after 12 h 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**

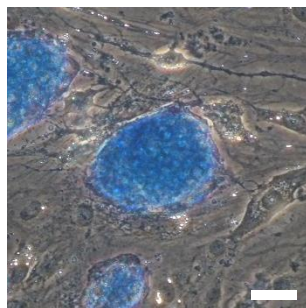
Human iPS cells (201B7; Takahashi, K. et al., *Cell*, 131, 861-72, 2007) were cultured in the ReproNaïve with SL10 feeder cells for 4 days.

After 5 passages, the cell morphology were observed.

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

**Results**

Alkaline phosphatase activity: Qualified



Scale: 100 µm

