

# Certificate of Analysis

## CytoTune™ –iPS 2.0 Sendai Reprogramming Kit

Product No. A16517  
Lot No. L2150040  
Expiration Date 12Dec2020

<b>Component</b>	<b>Titer* (CIU/mL)</b>	<b>Transduction Volume**</b>
CytoTune™ 2.0 hKOS	1.3x10 <sup>8</sup>	23 uL
CytoTune™ 2.0 hc–Myc	1.2x10 <sup>8</sup>	25 uL
CytoTune™ 2.0 hKlf4	1.5x10 <sup>8</sup>	12 uL

\* **Titer:** Specification is  $8.0 \times 10^7$  –  $15.0 \times 10^7$  Cell Infectious Units/mL. Titer indicates the functional titer to LLCMK2 cells.

\*\*Each vial contains 100 uL virus. **Transduction Volume:** Indicates suggested volume of virus to be used for 2 wells of a 6 well plate ( $3 \times 10^5$  cells/well) at MOI= 5:5:3 (KOS:c–Myc:Klf4) for BJ cells. See Product Manual for additional information.

### **Sterility**

Specification: No growth observed using direct immersion method in Liquid Culture  
Result: Pass

### **Mycoplasma**

Specification: None detected by PCR method  
Result: Pass

### **iPS Generation**

Specification: Greater than or equal to 0.2% Reprogramming Efficiency in BJ cells  
Result: Pass

**For detailed protocols on using Sendai virus particles to reprogram (human) somatic cells into induced Pluripotent Stem (iPS) cells, download the Product Manual from [www.lifetechnologies.com/cytotune](http://www.lifetechnologies.com/cytotune) or [www.invitrogen.com/cytotune](http://www.invitrogen.com/cytotune).**

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For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1–800–955–6288 (US and Canada) or 1–760–603–7200, x2 (all other countries).

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