



# Certificate of Analysis

## CytoTune™ –iPS Sendai Reprogramming Kit

Product No. A1377801  
Lot No. L1107073  
Expiration Date 17Jul2015

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<b>Component</b>	<b>Titer* (CIU/mL)</b>	<b>Transduction Volume**</b>
CytoTune™ Sendai hOct3/4	4.8x10 <sup>7</sup> (QA fill in)	63 uL
CytoTune™ Sendai hSox2	5.4x10 <sup>7</sup>	56 uL
CytoTune™ Sendai hKlf4	4.6x10 <sup>7</sup>	65 uL
CytoTune™ Sendai hc-Myc	6.6x10 <sup>7</sup>	45 uL

\* **Titer:** Specification is 3.0x10<sup>7</sup> – 9.0x10<sup>7</sup> 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 (5x10<sup>5</sup> cells/well) at MOI=3. 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 0.1% 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).

Life Technologies  
5791 Van Allen Way  
Carlsbad, CA, USA 92008  
[www.lifetechnologies.com](http://www.lifetechnologies.com)

For inquiries, contact us at [cofarequests@lifetech.com](mailto:cofarequests@lifetech.com)

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Michael Grossman

Sr. Manager, GOS – Quality  
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