# NHEK-JF-Cryo

## Cryopreserved human epidermal keratinocytes

### Cell Specification

<table>
<thead>
<tr>
<th>Skin: juvenile foreskin</th>
<th>Serology: n.a.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender: male</td>
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</tbody>
</table>

### Cryopreservation:

- **Passage 1 on:** February 8, 2013
- **Number of cells per vial:** $1.5 \times 10^6$ cells

### Thawing:

- **February 27, 2013**
- **Viability after thawing:** 92 %
- **Yield after thawing:** $1.86 \times 10^6$ cells
- **Number of Population Doublings:** > 16

### Phase contrast in passage 3 after thawing

### Fluorescence imaging in passage 1 after thawing:

- Keratinocyte specific antigen Cytokeratin 14/16/17 (red); nuclei (Hoechst 33342, blue)

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**Note:** Yield, viability and population doublings are based on experiments performed at PRIMACYT using PRIMACYT’s manual for thawing and culture of human keratinocytes.