

**Materials List for:**

# Freezing Human ES Cells

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URL: <https://www.jove.com/video/50>

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## Materials

| Name            | Type   | Company | Catalog Number | Comments   |
|-----------------|--------|---------|----------------|--|
| HuES Medium     | medium |         |                | For aq total of 651.5 mL, add: 500 mL KO-DMEM + 6.5 mL PenStrep + 6.5 mL L-Glut + 6.5 mL NEAA 6.5 mL + beta-mercapt-ethanol 0.6 µL (14.3 M stock) + 65 mL Serum Replacement + 65 mL Plasmanate + 0.65 mL bFGF2 (~10 ng/mL final) |
| Freezing Medium | medium |         |                | 80% FCS (fetal calf serum) + 20% DMSO (dimethyl sulfoxide). Stored at 4 °C.  |