

# ST | 305214

**Description** ST  
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**Organism** ST

**Tissue** ST

**Synonyms** STOMA24 ST-24 ST-IOWA

**Age** 80 90

**Gender** ST

**Morphology** ST

**Growth properties** ST

**Citation** ST (305214)

**Biosafety level** 1.  
C (PCOV)

**NCBI\_TaxID** 9823

**CellosaurusAccession** CVCL\_2204

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**Culture Medium** EMEM (MEM Eagle) 2 mM L-Glutamine - MEM Supplement 2.2 g/l NaHCO<sub>3</sub> EBSS ( Gibco 820100a )

**Supplements** 10% FBS 1% NEAA 1.0 mM β-mercaptoethanol

**Dissociation Reagent** Trypsin

**Subculturing** Cells are harvested by trypsinization and centrifugation into PBS. Cells are resuspended in fresh medium.

**Split ratio** 1:2 to 1:4

**Fluid renewal** 2 to 3 times per week

**Freeze medium** Serum-free medium (MEM + 10% DMSO) + 10% FBS

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
  2. Centrifuge cells at 300 × g for 3 minutes.
  3. Wash cells in PBS with calcium and magnesium free.
  4. Resuspend cells in fresh medium containing 10% FBS.
  5. Seed cells into a T75 flask at a density of 1.5 × 10<sup>6</sup> cells per flask.
  6. Incubate cells in a humidified 5% CO<sub>2</sub> atmosphere at 37°C.
  7. Monitor cell growth and confluency.
  8. Harvest cells when they reach 70-80% confluency.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

