



**CERV-215 | 300292**

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_5722

**Characteristics**

**Tumorigenic** Yes, **HPV-16** Positive

**Viruses** HPV-16 Positive

**Products** CERV-215 8, 18, CERV-215

**Media**

**Culture Medium** EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO<sub>3</sub>, w: EBSS (Cytion 820100a)

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent** Trypsin

**Subculturing** Cells are grown in 25 cm<sup>2</sup> flasks in EMEM supplemented with 10% FBS and 1% NEAA. Cells are passaged by trypsinization and seeding into new flasks at a density of 1 x 10<sup>6</sup> cells per flask.

**Seeding density** 1 x 10<sup>6</sup> cells/flask

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

**Post-Thaw Recovery** Cells are thawed in a 37°C water bath and seeded into a 25 cm<sup>2</sup> flask containing 10 ml of EMEM supplemented with 10% FBS and 1% NEAA.

**Freeze medium** EMEM supplemented with 10% FBS and 1% NEAA (Cytion FBS) + 10% DMSO

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**Thawing and Culturing Cells**

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed cell culture flask containing 10 ml of pre-warmed cell culture medium.
2. Allow the cells to settle for 15 minutes at 37°C. Add 10 ml of pre-warmed cell culture medium to the flask.
3. Incubate the cells in a humidified incubator at 37°C with 5% CO<sub>2</sub>.
4. Monitor the cells for attachment and growth. Change the medium when the cells reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 x 10<sup>6</sup> cells into 8 x 10<sup>6</sup> cells per flask.
6. Seed the cells into a 300 x g 3 ml flask. Seed 3 x 10<sup>6</sup> cells per flask. Seed 3 x 10<sup>6</sup> cells per flask.
7. Seed the cells into a 10 x 10<sup>6</sup> cell flask. Seed 10 x 10<sup>6</sup> cells per flask. Seed 10 x 10<sup>6</sup> cells per flask.
8. Seed the cells into a 10 x 10<sup>6</sup> cell flask. Seed 10 x 10<sup>6</sup> cells per flask. Seed 10 x 10<sup>6</sup> cells per flask.

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

**Flask Coating** Cell culture medium, 100% relative humidity

**Freezing Procedure** Freeze cells in a freezing medium at -80°C

**Shipping Conditions** Ship cells at -80°C

**Storage Conditions** Store cells at -150°C for 196 days

**HLA**

**Sterility** Sterility testing: PCR, sterility testing, sterility testing, sterility testing

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**A\*:** 02:01, 03:01

**B\*:** '35:08:00, '40:01:00

**C\*:** 03:04, 04:01