

MS751 | 305115

Description MS751 is a human papillomavirus (HPV) strain, specifically HPV-45, which is a high-risk HPV type. It is characterized by its ability to cause cervical cancer and other HPV-related diseases. The virus is transmitted through sexual contact and is highly prevalent in the population. MS751 is a member of the beta genus within the Papillomaviridae family.

Organism Human

Tissue Cervix

Disease Cervical cancer, HPV infection

Metastatic site Cervix

Synonyms MS-751, MS 751

Age 47 years

Gender Female

Morphology Spherical

Growth properties Non-cytopathic

Citation MS751 (GenBank accession number: F047813.1)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_4996

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Thawing and Culturing Cells

1. Thaw the vial in a water bath at 37°C. Do not shake the vial.
2. Add 10 ml of pre-warmed medium to the vial and mix gently.
3. Transfer the cells to a 150 cm² flask containing 100 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified CO₂ incubator (5% CO₂) until 70% confluency is reached.
5. Seed the cells into a 15 cm² flask containing 8 ml of pre-warmed medium.
6. Incubate the cells at 37°C in a humidified CO₂ incubator (5% CO₂) until 300 × 10³ cells are reached.
7. Harvest the cells by trypsinization and centrifugation at 10 × g for 10 min.
8. Resuspend the cells in 1 ml of pre-warmed medium.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Flasks are pre-coated with CellTreat™.

Freezing Procedure

Seed cells into a 150 cm² flask until 70-75% confluency is reached.

Shipping Conditions

Ship cells at 2-8°C in a cool box with ice packs.

Storage Conditions

Store cells at -150 to -196°C in liquid nitrogen.

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Sterility

Cells are supplied in a sterile, single-use vial.

For more information, please contact our technical support team.