

Product sheet

UWO23 | 300258

UWO23

Description UWO23 (HPV33) is a human papillomavirus (HPV) strain. It is a DNA virus that causes various types of cancer, including cervical, anal, and oropharyngeal cancer. UWO23 is a member of the beta genus of the Papillomaviridae family. It is characterized by its circular genome and its ability to integrate into the host genome.

Organism Human

Tissue Cervix, Anal

Disease Cervical cancer, Anal cancer

Applications UWO23 is used in research to study the pathogenesis of HPV-related cancers. It is also used in the development of vaccines and diagnostic tests for HPV infection.

Synonyms HPV33, UWO23

UWO23

Age 52 years

Gender Male

Growth properties UWO23 is a DNA virus that grows in various cell lines, including HeLa cells. It is characterized by its ability to integrate into the host genome.

UWO23

Citation UWO23 (UWO23 Cytion 300258)

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_B7MF

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Viruses UWO23 is a human papillomavirus (HPV) strain. It is a DNA virus that causes various types of cancer, including cervical, anal, and oropharyngeal cancer. UWO23 is a member of the beta genus of the Papillomaviridae family. It is characterized by its circular genome and its ability to integrate into the host genome.

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L **Glucose**, w: 2.5 mM L-**Asparagine**, w: 15 mM HEPES, w: 0.5 mM **β-mercaptoethanol**, w: 1.2 g/L NaHCO₃ 820400a)

Supplements **Insulin** **Transferrin** 10% FBS

Dissociation Reagent **Trypsin**

Subculturing **Cells** are harvested by washing with PBS and **trypsinizing** with **Trypsin** T25, **incubating** 3-5 min in PBS, **adding** 3 ml **DMEM** **medium** **containing** **10% FBS**, **incubating** **for** **5** **minutes** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.

Freeze medium **DMEM** **medium** **containing** **10% FBS** + 10% DMSO **is** **used** **for** **freezing** **cells** **into** **liquid** **nitrogen** **for** **storage** **at** **-80°C**.

Thawing and Culturing Cells

1. **Cells** are **thawed** **into** **DMEM** **medium** **containing** **10% FBS** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
2. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
3. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
4. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
5. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
6. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
7. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.
8. **Cells** are **incubated** **for** **24** **hours** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.

Incubation Atmosphere 37°C, 5% CO₂, **DMEM** **medium** **containing** **10% FBS**

Flask Coating **None**

Freezing Procedure **Cells** are **thawed** **into** **DMEM** **medium** **containing** **10% FBS** **at** **37°C** **and** **100** **rpm** **in** **the** **presence** **of** **10** **μg/ml** **insulin** **and** **10** **μg/ml** **transferrin**.

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196°C

HLA

Sterility

PCR
Sterility