

UWO37 | 300257

General information

Description	UWO37 (HPV16) is a human papillomavirus (HPV) strain that is highly oncogenic. It is a member of the genus Beta, which is characterized by a high rate of integration into the host genome. UWO37 is a member of the HPV16 group, which is the most common and most oncogenic group of HPV. It is a member of the HPV16 group, which is the most common and most oncogenic group of HPV. It is a member of the HPV16 group, which is the most common and most oncogenic group of HPV.
Organism	Human
Tissue	Epithelial cells, Cervix
Disease	Cervical cancer, HPV infection
Applications	Research on HPV infection and cancer, HPV16 vaccine development, HPV16 detection and diagnosis
Synonyms	HPV16, HPV16 E7, HPV16 E6, HPV16 E5, HPV16 E4, HPV16 E3, HPV16 E2, HPV16 E1

Cell culture

Age	64 years
Gender	Male
Growth properties	Epithelial cells

Cell culture conditions

Citation	UWO37 (Cytion 300257)
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_B7MH

Cell culture conditions

Viruses	HPV16 (HPV16); HPV16 E7
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UWO37

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L β -mercaptoethanol, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 1.2 g/L NaHCO_3 (820400a)
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Supplements	β -mercaptoethanol 10% FBS
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Dissociation Reagent	β -mercaptoethanol
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Subculturing	Cells are harvested by trypsinization with trypsin-EDTA solution. Cells are seeded into T25 flasks, 3-5 $\times 10^5$ cells per flask. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
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Freeze medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L β -mercaptoethanol, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 1.2 g/L NaHCO_3 (820400a), 10% FBS, 10% DMSO
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Thawing and Culturing Cells

1. Cells are thawed in a water bath at 37°C. Cells are seeded into T25 flasks, 3-5 $\times 10^5$ cells per flask. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
2. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
3. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
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5. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
6. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
7. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
8. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.

Incubation Atmosphere	37°C, 5% CO_2 , humidified
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Flask Coating	None
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Freezing Procedure	Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
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Shipping
Conditions

UWO37 is shipped in a dry ice container. The container must be kept closed until the sample is received. The container must be kept at -78°C.

Storage
Conditions

UWO37 should be stored at -150 to -196 °C. The container must be kept closed until the sample is received.

UWO37 is a DNA library.

Sterility

UWO37 is a DNA library. It is not sterile. It is not recommended to use UWO37 for PCR. UWO37 is a DNA library. It is not sterile. It is not recommended to use UWO37 for PCR.