

M14 | 302163

Description M14 is a human melanoma cell line established from a 33-year-old male patient with a primary melanoma on the back. The cell line is characterized by its high tumorigenicity and ability to form melanin pigment. It is a highly metastatic cell line that has been used extensively in melanoma research. M14 cells are derived from a primary melanoma and are characterized by their high tumorigenicity and ability to form melanin pigment. M14 cells are derived from a primary melanoma and are characterized by their high tumorigenicity and ability to form melanin pigment.

Organism Human

Tissue Skin

Disease Melanoma

Metastatic site Lung, Liver, Brain, Bone

Synonyms M14-MEL, UCLA-SO-M14, UCLA SO M14, UCLA SO M14, UCLA-SO-14, UCLASO-M14, Melanoma 14, M-14

Age 33

Gender Male

Ethnicity Caucasian

Morphology Epithelial, Pigmented

Growth properties Adherent

Citation M14 (ATCC CCL-226) | ATCC 302163

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1395

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Culture Medium RPMI 1640 2.0 2.0 NaHCO₃ (820700a)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. ...
 2. ... -150 ...
 3. ... 37 ...
 4. ... 70% ...
 5. ... 15 ... 8 ...
 6. ... 300 × 3 ...
 7. ... 10 ...
 8. ...

Incubation Atmosphere 37

Flask Coating

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Freezing Procedure [Redacted text] -78

Shipping Conditions [Redacted text] -78

Storage Conditions [Redacted text] -150 -196 [Redacted text]

/ / HLA

Sterility [Redacted text] (PCR) [Redacted text]
[Redacted text]