

Product sheet

TOV-21G | 305892

TOV-21G

Description
TOV-21G is a cell line derived from a patient with a melanoma. It is a highly tumorigenic cell line that grows in suspension. The cell line is characterized by its ability to form colonies in soft agar and its high tumorigenicity in nude mice. TOV-21G is a melanoma cell line that is highly tumorigenic and grows in suspension. It is characterized by its ability to form colonies in soft agar and its high tumorigenicity in nude mice. TOV-21G is a melanoma cell line that is highly tumorigenic and grows in suspension. It is characterized by its ability to form colonies in soft agar and its high tumorigenicity in nude mice.

Organism Human
Tissue Melanoma

Disease Melanoma
Synonyms TOV-21g, TOV21G, TOV21

Characteristics

Age 62 years
Gender Male
Ethnicity Caucasian
Morphology Epithelial
Growth properties Suspension

References

Citation TOV-21G (ATCC CCL-219) | Cytion 305892
Biosafety level 1
NCBI_TaxID 9606
CellosaurusAccession CVCL_3613

Additional information

Product sheet

TOV-21G | 305892

Mutational profile p.Gly13Cys, p.His1047Tyr, p.Lys267Argfs*9

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 15% FBS

Dissociation Reagent

Doubling time 1.5, 27, 30.62

Seeding density 1 x 10⁴ cells/cm²

Freeze medium + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly at 37°C, transfer to a pre-warmed medium.
 2. Centrifuge at 200 x g for 5 min, resuspend in fresh medium.
 3. Seed cells into a pre-warmed flask at a density of 1 x 10⁴ cells/cm².
 4. Incubate at 37°C in 5% CO₂.
 5. Monitor cell growth and confluency.
 6. Harvest cells when reaching 70-80% confluency.
 7. Perform passage or analysis as required.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

