

Product sheet

AGS | 300408

AGS

Description

AGS is a cell line derived from a patient with a melanoma, established in 1984. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in vivo. AGS is a melanoma cell line that is highly tumorigenic and capable of forming xenografts in vivo. AGS is a melanoma cell line that is highly tumorigenic and capable of forming xenografts in vivo. AGS is a melanoma cell line that is highly tumorigenic and capable of forming xenografts in vivo.

Organism **Tissue**

Disease

AGS

Age 54

Gender

Ethnicity

Morphology

Growth properties

AGS

Citation AGS (AGS) Cytion 300408)

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_0139

AGS

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Protein expression P53

Tumorigenic BALB/c T

Viruses 5 (5).

Karyotype = 47, = 39 92

Culture Medium DMEM, w: 4.5 g/L , w: 4 mM L-, w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 24 48

Subculturing T25, 3-5 ' PBS, 3

Seeding density 1 x 10⁴ 3 5

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells quickly in a water bath at 37°C. Do not leave the cells at room temperature for more than 15 minutes.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of complete medium.
3. Seed the cells into a T25 flask containing 37 ml of complete medium.
4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.
6. Resuspend the cells in 10 ml of complete medium and seed them into a T25 flask.
7. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
8. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Flasks are pre-coated with poly-L-lysine.

Freezing Procedure

Cells should be frozen in a freezing medium and stored at -78°C.

Shipping Conditions

Cells should be shipped at -78°C.

Storage Conditions

Cells should be stored at -150°C for up to 196 days.

AGS / AGS / HLA

Sterility

Cells are tested for mycoplasma contamination using PCR.

Cells are tested for endotoxin contamination using the Limulus Amebocyte Enzyme Test (LAL).

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██████ HLA

A*: 02:01:01

B*: '52:01:02

C*: 07:02:01

DRB1*: 08:02:01

DQA1*: 04:01:01

DQB1*: 04:02:01

DPB1*: 02:01:02

E: 01:03:02