

XXX NCI-N87 | 305057

XXXXXX XXXXXX

[illegible]

XXXXXXXXXXXX

Gender	☒☒☒
Ethnicity	☒☒☒☒☒☒☒
Morphology	☒☒☒☒☒
Growth properties	☒☒☒

Citation	NCI-N87 (XXXXXXXXXX Cytion 305057)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1603

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NCI-N87 - 305057

Tumorigenic ☒

NCI-N87

Culture Medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements CaCl_2 10% FBS, 10 mM HEPES, 2.5g/L CaCl_2 1mM CaCl_2

Dissociation Reagent CaCl_2

Subculturing Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. Cells are harvested by trypsinization with 2.5% trypsin-EDTA solution. Cells are resuspended in PBS and seeded into new flasks. Cells are grown in T25, 3-5 flasks in PBS, 3 flasks. Cells are grown in 25 cm² flasks, cells are harvested by trypsinization with 2.5% trypsin-EDTA solution. Cells are resuspended in PBS and seeded into new flasks. Cells are grown in T25, 3-5 flasks in PBS, 3 flasks.

Split ratio 1:2 to 1:4

Fluid renewal 2 to 3 times weekly

Freeze medium Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. Cells are harvested by trypsinization with 2.5% trypsin-EDTA solution. Cells are resuspended in PBS and seeded into new flasks. Cells are grown in T25, 3-5 flasks in PBS, 3 flasks. Cells are grown in 25 cm² flasks, cells are harvested by trypsinization with 2.5% trypsin-EDTA solution. Cells are resuspended in PBS and seeded into new flasks. Cells are grown in T25, 3-5 flasks in PBS, 3 flasks.

Thawing and Culturing Cells

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Incubation
Atmosphere

37°C, 5% CO₂, humidified air

Flask Coating

NCI-N87

Freezing
Procedure

NCI-N87 cells are frozen in a freezing medium (NCI-N87) and stored at -78°C.

Shipping
Conditions

NCI-N87 cells are shipped in a freezing medium (NCI-N87) and stored at -78°C.

Storage
Conditions

NCI-N87 cells are stored in a freezing medium (NCI-N87) at -150 °C for up to 196 days.

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Sterility

NCI-N87 cells are tested for sterility using PCR and are found to be sterile.

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STR

Amelogenin: x,y
CSF1PO: 8,12
D13S317: 8,11
D16S539: 9,13
D5S818: 12,13
D7S820: 10,11
TH01: 9
TPOX: 9,11
vWA: 15,16
D3S1358: 14
D21S11: 30
D18S51: 17
Penta E: 5
Penta D: 12
D8S1179: 14
FGA: 20,21
D6S1043: 12
D2S1338: 23,24
D12S391: 16,21
D19S433: 14,14.2