

Product sheet

NCI-H524 | 305120

General Information

<b>Description</b>	ATCC 1982, ATCC 63, ATCC, ATCC
<b>Organism</b>	ATCC
<b>Tissue</b>	ATCC
<b>Disease</b>	ATCC, ATCC, ATCC
<b>Metastatic site</b>	ATCC
<b>Synonyms</b>	NCI-H524, H-524, NCIH524

Cell Characteristics

<b>Age</b>	63 ATCC
<b>Gender</b>	ATCC
<b>Ethnicity</b>	ATCC
<b>Morphology</b>	ATCC
<b>Growth properties</b>	ATCC

Identification

<b>Citation</b>	NCI-H524 (ATCC   Cytion 305120)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1568

Additional Information

References

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**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Doubling time** 100

**Subculturing** 5 x 10<sup>5</sup> cells

**Split ratio** 1:1 to 1:10

**Fluid renewal** 2-3 times per week

**Freeze medium** RPMI 1640 + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge at 300 x g for 3 minutes.
3. Resuspend cells in 15 ml of fresh medium.
4. Seed cells into a T25 flask at 70% confluency.
5. Incubate at 37°C in 5% CO<sub>2</sub>.
6. Monitor cell growth and passage when cells reach 70-80% confluency.
7. Harvest cells using trypsin.
8. Count cells and seed into new flasks.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating** None

**Freezing Procedure** Freeze cells in RPMI 1640 + 10% FBS + 10% DMSO at -78°C

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**Shipping  
Conditions**

Store at -78°C

**Storage  
Conditions**

Store at -150 to 196 °C

**STR / HLA**

**Sterility**

PCR ready

Free of DNAse, RNAse, and proteinase

**STR**

- Amelogenin: x,x
- CSF1PO: 12
- D13S317: 12
- D16S539: 12
- D5S818: 12
- D7S820: 11,12
- TH01: 8,9,3
- TPOX: 8,1
- vWA: 14,17
- D3S1358: 15
- D21S11: 29,3
- D18S51: 12,13
- Penta E: 5,15
- Penta D: 12,13
- D8S1179: 13,15
- FGA: 21,25
- D6S1043: 11,13
- D2S1338: 16,17
- D12S391: 16,21
- D19S433: 16