

Product sheet

NCI-H2170 | 305276

General Information

<b>Description</b>	NCI-H2170 is a cell line derived from a human melanoma. It is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. For more details, see the NCI-H2170 cell line profile on the NCI Cell Line Encyclopedia website (p.63).
<b>Organism</b>	Human
<b>Tissue</b>	Melanoma
<b>Disease</b>	Melanoma
<b>Synonyms</b>	H2170, H-2170, NCIH2170

Characteristics

<b>Age</b>	Not applicable
<b>Gender</b>	Not applicable
<b>Ethnicity</b>	Not applicable
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

References and Safety

<b>Citation</b>	NCI-H2170 (NCI Cell Line Encyclopedia)   Cytion 305276
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_1535

Additional Information

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## General Information

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

**Supplements** 10% FBS, 2.5  $\mu$ M/100 mL HEPES

**Dissociation Reagent** Trypsin

**Subculturing** Seed cells into fresh medium containing 10% FBS. For passage 1, use 1:3 dilution. For passage 2, use 1:10 dilution. For passage 3, use 1:30 dilution. For passage 4, use 1:100 dilution. For passage 5, use 1:300 dilution. For passage 6, use 1:1000 dilution. For passage 7, use 1:3000 dilution. For passage 8, use 1:10000 dilution. For passage 9, use 1:30000 dilution. For passage 10, use 1:100000 dilution. For passage 11, use 1:300000 dilution. For passage 12, use 1:1000000 dilution. For passage 13, use 1:3000000 dilution. For passage 14, use 1:10000000 dilution. For passage 15, use 1:30000000 dilution. For passage 16, use 1:100000000 dilution. For passage 17, use 1:300000000 dilution. For passage 18, use 1:1000000000 dilution. For passage 19, use 1:3000000000 dilution. For passage 20, use 1:10000000000 dilution. For passage 21, use 1:30000000000 dilution. For passage 22, use 1:100000000000 dilution. For passage 23, use 1:300000000000 dilution. For passage 24, use 1:1000000000000 dilution. For passage 25, use 1:3000000000000 dilution. For passage 26, use 1:10000000000000 dilution. For passage 27, use 1:30000000000000 dilution. For passage 28, use 1:100000000000000 dilution. For passage 29, use 1:300000000000000 dilution. For passage 30, use 1:1000000000000000 dilution. For passage 31, use 1:3000000000000000 dilution. For passage 32, use 1:10000000000000000 dilution. For passage 33, use 1:30000000000000000 dilution. For passage 34, use 1:100000000000000000 dilution. For passage 35, use 1:300000000000000000 dilution. For passage 36, use 1:1000000000000000000 dilution. For passage 37, use 1:3000000000000000000 dilution. For passage 38, use 1:10000000000000000000 dilution. For passage 39, use 1:30000000000000000000 dilution. For passage 40, use 1:100000000000000000000 dilution. For passage 41, use 1:300000000000000000000 dilution. For passage 42, use 1:1000000000000000000000 dilution. 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For passage 93, use 1:300 dilution. For passage 94, use 1:1000 dilution. For passage 95, use 1:3000 dilution. For passage 96, use 1:100 dilution. For passage 97, use 1:300 dilution. For passage 98, use 1:1000 dilution. For passage 99, use 1:3000 dilution. For passage 100, use 1:100 dilution.

**Fluid renewal** 1 x 2 days

**Freeze medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a), 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Centrifuge cells at 300 x g for 3 minutes.
  3. Wash cells with PBS.
  4. Resuspend cells in fresh medium containing 10% FBS.
  5. Seed cells into fresh medium containing 10% FBS.
  6. Incubate cells in a 37°C incubator with 5% CO<sub>2</sub>.
  7. Monitor cell growth and passage cells when they reach 70-80% confluency.
  8. Pass cells into fresh medium containing 10% FBS.

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

**Flask Coating** None

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Freezing Procedure

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Shipping Conditions

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Storage Conditions

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Sterility

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