

Product sheet

NCI-H23 | 305044

General Information

Description	NCI-H23 is a cell line derived from a 59-year-old male patient with metastatic melanoma. The cell line is characterized by the presence of N-ras RNA, which is a marker for melanoma. The cell line is also characterized by the presence of PDGF A and B receptors.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Synonyms	NCI-H23, NCI.H23, NCI H23, H-23, NCI H23, NCI H23

Cell Line Characteristics

Age	51 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and Safety

Citation	NCI-H23 (NCI Cell Line Catalog 305044)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1547

Genetic Profile

Protein expression	Myc+, src+, abl+, erbB+, ras+, sis-
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NCI-H23

Culture Medium RPMI 1640 \times 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 NaHCO₃ (820700a \times 2.0)

Supplements 10% FBS

Dissociation Reagent

Doubling time 38

Subculturing PBS

Fluid renewal 2-3

Freeze medium (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.
 5. Seed cells into a 96-well plate at 15 cells per well.
 6. Incubate cells for 8 days.
 7. Harvest cells for analysis.
 8. Repeat the process for subsequent passages.

Incubation Atmosphere 37°C, 5% CO₂

