

Product sheet

NCI-H295R | 300483

General Information

Description	H295R is a human cell line derived from a metastatic melanoma. It is characterized by its ability to grow in primary culture and its sensitivity to various cytotoxic agents. NCI-H295R, established by A.F. Gazdar (1990).
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Synonyms	NCI-H295R, NCI H295R, NCIH295R, H-295R, H295R-S1

Cell Characteristics

Age	48 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent, Clonal

Identification

Citation	NCI-H295R (Cytion 300483)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0458

Products

Products	NCI-H295R, NCI-H295R, NCI-H295R C19
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Additional Information

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L NaHCO₃ (Cytion 820400a)

Supplements 5% FBS, 0.00625 µg/ml Hydrocortisone, 0.00625 µg/ml Progesterone, 6.25 µg/ml Testosterone, 1.25 µg/ml Estradiol

Dissociation Reagent Trypsin

Subculturing Cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 5% FBS, 0.00625 µg/ml Hydrocortisone, 0.00625 µg/ml Progesterone, 6.25 µg/ml Testosterone, and 1.25 µg/ml Estradiol. Cells are passaged every 3-5 days.

Split ratio 1:3 to 1:4

Fluid renewal 2-3 times per week

Post-Thaw Recovery 48 hours

Freeze medium DMEM:Ham's F12 (1:1) supplemented with 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 in PBS.
 4. Resuspend cells in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 5. Seed cells into a 24-well plate at 15 x 10⁴ cells per well.
 6. Incubate cells for 24 hours.
 7. Replace medium with DMEM:Ham's F12 (1:1) supplemented with 5% FBS.
 8. Continue to culture cells in DMEM:Ham's F12 (1:1) supplemented with 5% FBS.

Incubation Atmosphere 37°C, 5% CO₂

