

HCC1937 | 305064

General information

Description	HCC1937 is a human cell line derived from a metastatic site of a primary tumor. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. The cell line is characterized by a high level of tumorigenicity and is capable of forming xenografts in immunodeficient mice. The cell line is characterized by a high level of tumorigenicity and is capable of forming xenografts in immunodeficient mice.
Organism	Human
Tissue	Colon, rectum, sigmoid
Disease	Colorectal cancer
Synonyms	HCC-1937, HCC/1937

Cell characteristics

Age	23 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Cell culture conditions

Citation	HCC1937 (ATCC CCL-221) Cytion 305064
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0290

Cell culture conditions

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Receptors expressed EGFR, HER2, IGF1R, PDGFR

Protein expression EGF2 (Egp2), EGFR19

Media

Culture Medium RPMI 1640, w: 2.0 mM Glucose, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in 96-well plates (e.g. T25, 3-5 x 10⁵ cells per well) in 3 wells. Cells are grown in 96-well plates (e.g. T25, 3-5 x 10⁵ cells per well) in 3 wells.

Fluid renewal 2 x 3 wells

Freeze medium Cells are grown in 96-well plates (e.g. T25, 3-5 x 10⁵ cells per well) in 3 wells. Cells are grown in 96-well plates (e.g. T25, 3-5 x 10⁵ cells per well) in 3 wells.

Thawing and Culturing Cells

1. Cells are grown in 96-well plates (e.g. T25, 3-5 x 10⁵ cells per well) in 3 wells. Cells are grown in 96-well plates (e.g. T25, 3-5 x 10⁵ cells per well) in 3 wells.
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Incubation Atmosphere 37°C, 5% CO₂,

Flask Coating

Freezing Procedure

Shipping Conditions                             

[illegible]

Sterility

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