

HCT116 | 300195

Description	HCT116	HCT-116	KRAS	13	HCT116
	HCT116				
	HCT116		HCT116	p21	
	HCT116		KRAS		

Organism

Tissue

Disease

Synonyms	HCT-116	HCT.116	HCT_116	HCT 116	CoCL2
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Age	48
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Gender

Ethnicity

Morphology

Growth properties

Citation	HCT116 Cytion	300195
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0291
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Antigen expression	HCT 116	beta 1	TGF beta 1	beta 2	TGF beta 2
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Tumorigenic	5-10 x 10 ⁶
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Ploidy status	
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MSI-status	MSI-
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Karyotype	HCT116	70%	45	8	10	16	17	Y
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Culture Medium	McCoy's 5a	w 3.0	/	w	w 2.0	w 2.2	/	NaHCO ₃	Cytion	820200a
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Supplements	10% FBS
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Dissociation Reagent	Accutase
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Doubling time	25	35
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Seeding density	2 × 10 ⁴ /
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Fluid renewal	1	2
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Post-Thaw Recovery	3
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Freeze medium	FBS	+10% DMSO	CM-1	Cytion	800100	CM-1	Cytion	800100
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Thawing and Culturing Cells

1.				
2.		-150°C		3
3.		37°C	40-60	
4.		70%		
5.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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HLA

A*: '01:01:01, '02:01:01

B*: '18:01:01, '21:01:01

C*: '05:01:01, '07:01:01

DRB1*: '03:01:01, '11:02:01

DQA1*: '05:01:01, '05:05:01

DQB1*: '02:01:01, '03:19:01

DPB1*: '03:01:01G '04:02:01G

E: '01:01, '01:03