

Product sheet

HT-29 | 300215

Description

HT-29		HT22	1964	44
HT-29	5-			
HT-29				
HT-29				

Organism

Tissue

Disease

Synonyms

HT 29 HT29

Age

44

Gender

Ethnicity

Morphology

Growth
properties

Citation

HT-29 Cytion 300215

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_0320

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Receptors expressed

u-PAR D

Protein expression

CEA p53

Antigen expression

A Rh+ HLA A1 A3 B12 B17 Cw5 CD4 - HIV

Isoenzymes

Me-2 1 PGM3 1-2 PGM1 1-2 ES-D 1 AK-1 1 GLO-1 1-2 G6PD B 0.0230

Oncogenes

Myc+, ras+, myb+, fos+, sis+, p53+, abl -, ros -, src -

Tumorigenic

I

Virus susceptibility

HIV LAV

Products

IgA (CEA) beta p53

Karyotype

Y 2S 2.4% 17 M1p- = t 3p- t 7q t 10q i 13q 19

Culture MediumEMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO₃ w EBSS Cytion 820100a**Supplements**

10% FBS 1% NEAA

Dissociation Reagent

Accutase

Doubling time

24

Subculturing

PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density 3×10^4 /

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Fluid renewal	2	3
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Post-Thaw Recovery 48

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% CO ₂
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Flask Coating

Freezing Procedure	-78 °C
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Shipping Conditions -78 °C

Storage Conditions	-150 -196 -80 °C
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Sterility

PCR

HLA

A*: '01:01:01, '24:03:01
B*: '35:01:01, '44:03:01
C*: '04:01:01
DRB1*: '04:02:01, '07:01:01
DQA1*: '02:01:01, '03:01:01
DQB1*: '02:02:01, '03:02:01
DPB1*: '04:01:01
E: '01:01, '01:03