

Product sheet

HL-1 | 305264

Description	HL-1				HL-1
	HL-1		43		

Organism

Tissue

Disease AT-1 SV40 T

Applications	IKr INa ICaL	/	43	ANF α
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Synonyms HL1 HL-1 F2 P76

Breed/Subspecies	C3HeB/FeJ
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Age

Gender

Ethnicity C3HeB/FeJ Q

Morphology

Cell type

Growth properties

Citation	HL-1 Cytion	305264
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Biosafety level 1

NCBI_TaxID	10090
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CellosaurusAccession CVCL_0303

Viruses Simian virus 40 (SV40)

Culture Medium

Claycomb 2 mM 10% FBS 0.1 mM L-
L- 0.1 mM
100 10 mM
1. 30 mM L- 50 mL
2. 50 mL 160 mg = 10 mM
3. 0.2 µm
4. 100 1 mL -20 °C -20 °C 1
5. 100 mL Claycomb 1 mL 1

Supplements 10% FBS 2 mM 0.1 mM L-

Dissociation Reagent Accutase

Doubling time 24 36

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

Split ratio 1 3

Seeding density 2 4×10⁴ /

Fluid renewal 24 Claycomb Medium

Post-Thaw Recovery / 12.5 µg/ml 0.02% 37°C ≥1 24-48

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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

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|----|---------|--------|-----|-------|-----|
| 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	25 µg	2 ml 0.02%	T25	37°C
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Shipping Conditions	-78 °C
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Storage Conditions	-150 -196 -80 °C
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Sterility	PCR
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