

SH-SY5Y | 300154

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|--------------------|---------|---------|---------|------|---|
| Description | SH-SY5Y | SK-N-SH | SK-N-SH | 1970 | 4 |
| | SH-SY5Y | | | | |
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| | | SH-SY5Y | | | |
| | | SH-SY5Y | | | |

Organism

Tissue

Disease

Metastatic site

Synonyms SH-Sy5y SHSY5Y SHSY-5Y SK-SH-SY5Y SY5Y SH-SY5Y

Age 4

Gender

Morphology

Cell type

Growth properties

Citation SH-SY5Y (Cytion 300154)

Biosafety level 1

SH-SY5Y | 300154

NCBI_TaxID 9606

CellosaurusAccession CVCL_0019

Tumorigenic 3 4

Karyotype SH-SY5Y 1 1q 47

Culture Medium EMEM Ham's F12 50 50 Cytion article number 820100a and 820600a

Supplements 15% FBS 1% NEAA

Dissociation Reagent

Subculturing PBS T25 3-5ml T75 5-10ml

Seeding density 6×10^4 /cm² 1xT25 1 2 80 90% 1.2×10^4 /cm²

Fluid renewal 1 2

Freeze medium 50 40 FBS 10 DMSO CM-1 Cytion 800100

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Thawing and Culturing Cells

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

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions

-78

Storage Conditions -150 -196 80

HLA

Sterility PCR

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STR

Amelogenin: x,y
CSF1PO: 11
D13S317: 11
D16S539: 8,13
D5S818: 12
D7S820: 7,1
TH01: 7,1
TPOX: 8,11
vWA: 14 18
D3S1358: 15 16
D21S11: 31,31.2
D18S51: 13,16
Penta E: 7,11
Penta D: 10 12
D8S1179: 15
FGA: 23,2,24
D6S1043: 12 18
D2S1338: 17 19
D12S391: 18,22
D19S433: 13 14

HLA

A*: '01:01:01, '24:02:01
B*: '18:01:01, '49:01:01
C*: '07:01:01
DRB1*: '11:04:01, '13:01:01
DQA1*: '01:03:01, '05:05:01
DQB1*: '03:01:01, '06:03:01
DPB1*: '02:01:02, '04:01:01
E: '01:01, '01:03