Product sheet

SH-SY5Y | 300154

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

Product sheet

SH-SY5Y | 300154

NCBI_TaxID	9606
CellosaurusAccession	CVCL_0019

Tumorigenic	3-4
Karyotype	SH-SY5Y 47 1 1q SH-SY5Y

Culture Medium	50:50 EMEM Ham's F12 Cytion 820100a 820600a
Supplements	15% 1%
Dissociation Reagent	Accutase
Subculturing	PBS T25 3-5 PBS T75 5-10 Ac
Seeding density	$^{\times}10^{6}$ /cm² 1×T25 1-2 80-90% 1-2×10⁴ /cm²
Fluid renewal	1 2
Freeze medium	50% + 40% FBS + 10% DMSO CM-1 Cytion 800100

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
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