

Product sheet

SW-13 | 300349

Strain Information

Description	SW-13 (BGJ).
Organism	SW-13
Tissue	SW-13
Disease	SW-13
Synonyms	SW13, SW 13, SW-13

Host Information

Age	55
Gender	SW-13
Ethnicity	SW-13
Morphology	SW-13
Growth properties	SW-13

Identification

Citation	SW-13 (Cytion 300349)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0542

Enzymes

Isoenzymes	G6PD, B
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Virus susceptibility (), 1

Reverse transcriptase 1

SW-13

Culture Medium NCI-H295R (820402) DMEM:Ham's F12 (1:1), w: 3.1 g/L NaHCO₃ (Cytion 820400a)

Supplements 10% FBS

Dissociation Reagent 1

Subculturing -PBS T25, -3-5' -PBS, 3

Split ratio 1:3 1:8

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to warm to room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium. Seed the cells into a 96-well plate.
3. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere. The cells should reach 70% confluency within 7-10 days.
4. Harvest the cells by trypsinization. Seed the cells into a new 96-well plate.
5. Repeat the process for subsequent passages.
6. Store the cells in liquid nitrogen for long-term storage.
7. Thaw the cells and seed them into a new 96-well plate.
8. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C during shipping.

Storage Conditions Store at -150°C for 196 weeks.

HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

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████████ STR

Amelogenin: x,x

CSF1PO: 12

D13S317: 9

D16S539: 12

D5S818: 11,12

D7S820: 8,1

TH01: 7,8

TPOX: 8

vWA: 17,19

D3S1358: 16

D21S11: 31,32.2

D18S51: 17

Penta E: 7:15

Penta D: 10,13

D8S1179: 10

FGA: 20

PEZ6: SK-N-LO