

Product sheet

SW-982 | 300404

General Information

<b>Description</b>	Strain A. Leibovitz 1974 Scott and White, Texas, USA
<b>Organism</b>	Strain
<b>Tissue</b>	Strain
<b>Disease</b>	Strain
<b>Synonyms</b>	SW982, SW 982

Host Information

<b>Age</b>	25 years
<b>Gender</b>	Strain
<b>Ethnicity</b>	Strain
<b>Morphology</b>	Strain
<b>Growth properties</b>	Strain

Identification

<b>Citation</b>	SW-982 (Strain Cytion 300404)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1734

Enzymes

<b>Isoenzymes</b>	G6PD, B, PGM1, 1-2, PGM3, 1-2, ES-D, 1, AK-1, 1, GLO-1, 1, Strain 0.0192
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Karyotype

48, = 42 58. 1.6%. N4, N8 -N13 -x

Culture Medium

DMEM, w: 4.5 g/L, w: 4 mM L-, w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)

Supplements

10% FBS

Dissociation Reagent

Subculturing

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

Seeding density

1 x 10^4

Fluid renewal

2 3

Post-Thaw Recovery

24

Freeze medium

(FBS) + 10% DMSO

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**Thawing and Culturing Cells**

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. After thawing, centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of fresh medium. Seed the cells into a T25 flask containing 10 ml of fresh medium. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach confluence.
2. Once the cells are confluent, remove the medium and wash the cells with PBS. Add 1 ml of trypsin-EDTA solution and incubate at 37°C for 2-3 minutes. Add 9 ml of fresh medium to stop the trypsin. Pipette up and down to detach the cells. Centrifuge at 300 x g for 3 minutes. Resuspend the cells in 10 ml of fresh medium.
3. Count the cells and seed them into a new T25 flask containing 10 ml of fresh medium. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach confluence.
4. Once the cells are confluent, remove the medium and wash the cells with PBS. Add 1 ml of trypsin-EDTA solution and incubate at 37°C for 2-3 minutes. Add 9 ml of fresh medium to stop the trypsin. Pipette up and down to detach the cells. Centrifuge at 300 x g for 3 minutes. Resuspend the cells in 10 ml of fresh medium.
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7. Count the cells and seed them into a new T25 flask containing 10 ml of fresh medium. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach confluence.
8. Once the cells are confluent, remove the medium and wash the cells with PBS. Add 1 ml of trypsin-EDTA solution and incubate at 37°C for 2-3 minutes. Add 9 ml of fresh medium to stop the trypsin. Pipette up and down to detach the cells. Centrifuge at 300 x g for 3 minutes. Resuspend the cells in 10 ml of fresh medium.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** No

**Freezing Procedure** Seed cells into a T25 flask containing 10 ml of fresh medium. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach confluence. Remove the medium and wash the cells with PBS. Add 1 ml of trypsin-EDTA solution and incubate at 37°C for 2-3 minutes. Add 9 ml of fresh medium to stop the trypsin. Pipette up and down to detach the cells. Centrifuge at 300 x g for 3 minutes. Resuspend the cells in 10 ml of fresh medium.

**Shipping Conditions** Store at -80°C. Ship on dry ice.

**Storage Conditions** Store at -150°C for 196 days.

HLA

**Sterility** The cells are free of mycoplasmas and other contaminants. PCR confirmed.