

XXXX Sf9 | 604328

XXXXXX XXXXXX

Description	
	Sf9 Sf21 (IPLB-Sf-21-AE). Sf9 Sf21
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Organism

Tissue

Applications

Synonyms	SF9, sf9, SF-9, Sf-9, sf-9, Sf 9, Spodoptera frugiperda clone 9, Sf clone 9, IPLB-Sf-9AE, IPLB-SF-9AE, IPLB-SF-9, IPLB-Sf-9, IPLB-Sf9
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XXXXXXXXXXXX

Age

Gender ☐ ☐ ☐ ☐

Morphology 

Growth properties 

[illegible]

Citation Sf9 (XXXXX XXXXXXXX Cytion 604328)

Biosafety level	1
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NCBI_TaxID	7108
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CellosaurusAccession CVCL_0549

Product sheet

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XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXXXX

Virus susceptibility	XXXXXXXXXXXXXXXXXXXX, Autographa californica (MNPV), XXXXX XXXXX XXX XXXXXXX (SLE)
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XXXXXXXXXX

Culture Medium	XXXXXXXXXXXX (PAN Biotech)
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Supplements	XXXXX XXXXXXX 2% FBS XXXX XXXXX XX XXXXXXX XXXXXXX XXXXXXX
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Dissociation Reagent	XXXXXXXXXX
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Subculturing	XXXXXXXXX XXXXX XX XXXXXXX XXXXXXXXXX XXXXXXX XXXXX XXXXX XXXXXXXXXX, XX XXXXXXX XX XXXXXXX XXXXXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX 15 µ" XX XXXXXXX
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Seeding density	1 x 10^4 XXXXX/ µ" XX XXXXXXX XXXXXXXXXX XX 26 XX 30 XXXXXXX XXXXXXX XXXXXXXXXX XXX XXXXX, XX XXXXX XXXXXXXXXX XXXXXXX XX XXXXXXXXXX
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Fluid renewal	2 XX 3 XXXXXXX XXXXXXX
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Freeze medium	XXXXXXXXX XXXXXXX XXXXXXX, XXXXXXX XXXXXXX XXXXXXX XXX (XXXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXXXXX XXXXXXX XXXXX XXXXXXX, XX CM-1 (XX
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**Thawing and
Culturing Cells**

1. Thaw cells rapidly in a water bath prewarmed to 37 °C. Gently mix the cells by pipetting up and down. Transfer the cells to a sterile tube and centrifuge at 300 x g for 5 min. Remove the supernatant and resuspend the cells in 1 ml of complete medium. Seed the cells into a 25 cm² flask containing 10 ml of complete medium.
2. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37 °C. Monitor the cell growth daily under a phase-contrast microscope. When the cells reach confluence, passage them into a new flask.
3. For long-term storage, harvest the cells by trypsinization and resuspend them in 1 ml of freezing medium. Aliquot the cells into 1 ml vials and store them in liquid nitrogen.
4. Thaw the cells rapidly in a water bath prewarmed to 37 °C. Gently mix the cells by pipetting up and down. Transfer the cells to a sterile tube and centrifuge at 300 x g for 5 min. Remove the supernatant and resuspend the cells in 1 ml of complete medium. Seed the cells into a 25 cm² flask containing 10 ml of complete medium.
5. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37 °C. Monitor the cell growth daily under a phase-contrast microscope. When the cells reach confluence, passage them into a new flask.
6. For long-term storage, harvest the cells by trypsinization and resuspend them in 1 ml of freezing medium. Aliquot the cells into 1 ml vials and store them in liquid nitrogen.
7. Thaw the cells rapidly in a water bath prewarmed to 37 °C. Gently mix the cells by pipetting up and down. Transfer the cells to a sterile tube and centrifuge at 300 x g for 5 min. Remove the supernatant and resuspend the cells in 1 ml of complete medium. Seed the cells into a 25 cm² flask containing 10 ml of complete medium.
8. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37 °C. Monitor the cell growth daily under a phase-contrast microscope. When the cells reach confluence, passage them into a new flask.

**Incubation
Atmosphere**

27°C, 0% CO₂, humidified atmosphere.

**Shipping
Conditions**

Cryopreserved cell lines are shipped on dry ice in validated, insulated packaging with sufficient refrigerant to maintain approximately -78 °C throughout transit. On receipt, inspect the container immediately and transfer vials without delay to appropriate storage.

**Storage
Conditions**

For long-term preservation, place vials in vapor-phase liquid nitrogen at about -150 to -196 °C. Storage at -80 °C is acceptable only as a short interim step before transfer to liquid nitrogen.

Quality Control

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are also tested for sterility using a membrane filtration method. Cells are found to be free of mycoplasma and sterile.