

Problem	Possible Reasons	What to do?
Cells stop growing after a few weeks in culture	Forgot to add supplements during media preparation or added wrong supplements	Prepare fresh medium
	Incubator: wrong CO <sub>2</sub> concentration, wrong temperature	Check
	Lot number change for plasticware	Use old lot number and compare
	Lot number change for coating solution	Use old lot number and compare
	Strong microbiological contamination	Start with a fresh vial; use sterile techniques when thawing and handling the cells
	Cells have become senescent	Normal human cells have a finite life span; re-start with a new vial

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