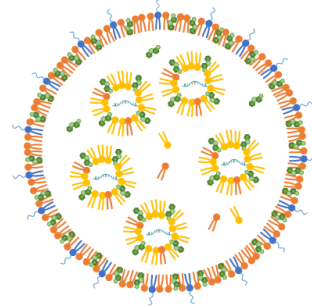


LipidFlex™ T Cell Kit

High Efficient mRNA LNP Formulation for T Cell Transfection

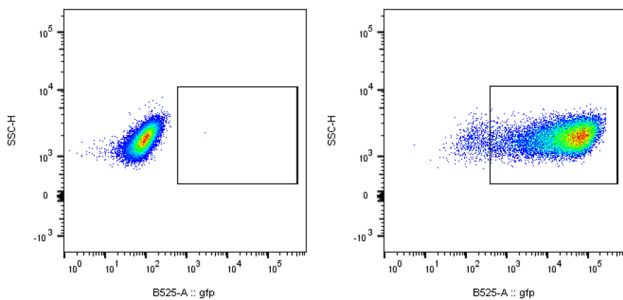
LipidFlex™ T cell kit is a highly efficient lipid formulation to synthesize mRNA lipid nanoparticles for primary human T cell gene delivery. Using NanoGenerator™ Flex-S system and CHIP-MIX-4 cartridge, customers can prepare potent mRNA LNP in a convenient and efficient way.



- Narrow size distribution of mRNA LNP
- High transfection efficiency
- High protein expression level
- High cell viability
- Time efficient synthesis process

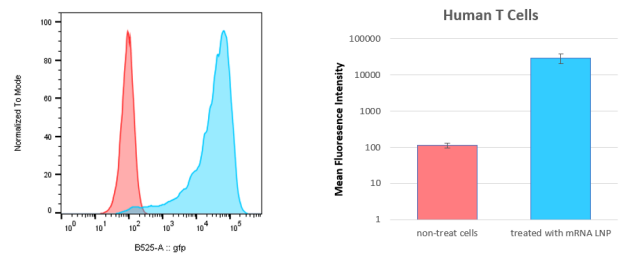
Component	Size	Storage
LipidFlex T Lipid mix	125 µL	-80 °C
Formulation Buffer 1 (10x)	50 µL	4 - 8 °C
Formulation Buffer 2	1 mL	4 - 8 °C

High Human T Cell Transfection Efficiency



* 24 hours post-treatment Human T cells (eGFP mRNA from Trilink)

High Protein Expression Level

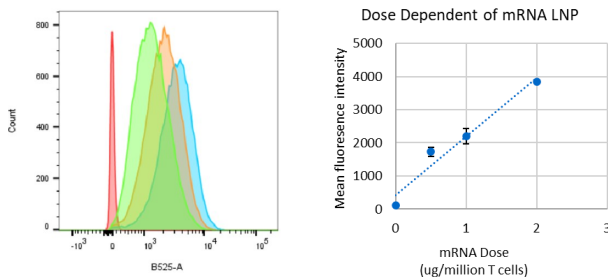


Non-treat cells

Treated with eGFP mRNA LNP

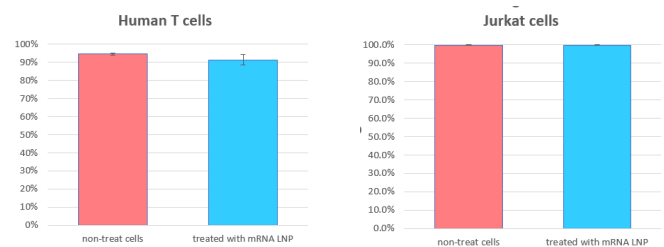
* 24 hours post-treatment Human T cells (eGFP mRNA from Trilink)

mRNA LNP Dose Dependency



* 24 hours post-treatment Jurkat cells (eGFP mRNA from ProMab)

High Cell Viability



* 24 hours post-treatment Human T cells and Jurkat cells