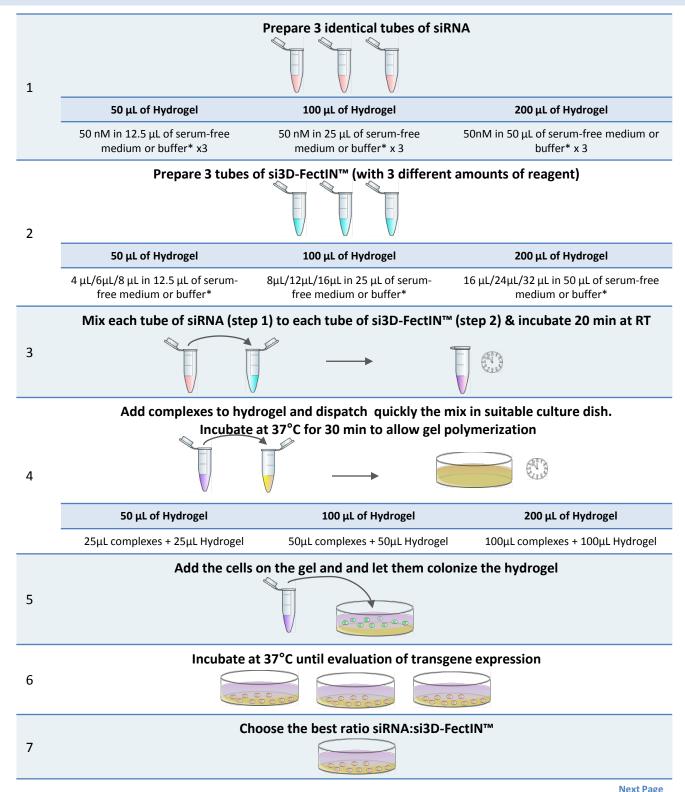
To find the ideal conditions for gene silencing with si3D-FectIN, we suggest to test increasing doses of **si3D-FectIN™** with a fixed concentration, 50nM of siRNA



*NOTES:

(1) Of course the conditions provided above might required some further optimizations depending on your cells, scaffolds, siRNA etc...

(2) It is recommended to seed the hydrogel the day of transfection.

(3) Allow reagents to reach RT and gently vortex them before forming complexes .

(4) Medium or buffer <u>without serum & supplement</u> must be used for the DNA/si3D-FectIN complexes preparation. Culture medium such as DMEM or OptiMEM or buffers such as HBS or PBS are recommended. In contrast, we do not recommend RPMI for preparing the complexes.

(5) In this procedure, gel must be diluted 50/50 volume with DNA/si3D-FectIN complexes, be sure that a 50% gel dilution does not interfere with your gel polymerization capacities.

(6) For doses of 3D-Fect less than 1µL, dilute the reagent with deionized water.



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