

Table S1. Average density of human NP cells in Standard, 0.1% DS and 0.2% DS alginate.

Biomaterial	Location	Timepoint [Days]	Density Average [cells/ carrier]	± Standard Deviation
Standard Alginate	Surface	7	2.78×10^5	1.70×10^5
	Core	7	2.31×10^5	1.69×10^5
	Surface	14	2.22×10^5	1.76×10^5
	Core	14	1.23×10^5	6.75×10^5
0.1% DS Alginate	Surface	7	1.79×10^5	9.03×10^4
	Core	7	1.32×10^5	3.60×10^4
	Surface	14	1.54×10^5	4.49×10^4
	Core	14	1.24×10^5	4.06×10^4
0.2 % DS Alginate	Surface	7	7.13×10^4	2.63×10^4
	Surface	14	4.68×10^4	6.45×10^3