

SUPPLEMENTARY TABLE S3. POLYMERIZATION pH AND COMPONENTS
IN COLLAGEN HYDROGELS USED FOR TISSUE ENGINEERING

<i>pH</i>	<i>Concentrated buffer</i>	<i>Neutralization agent</i>	<i>Other components</i>	<i>Reference(s)</i>
Single pH				
~7.0–7.5	10× PBS	NaOH	H ₂ O, sodium bicarbonate	43, 48
7.0	None	NaOH	DMEM, MEM, RPMI, M199, PBS	40
7.2	10× M199	HEPES	H ₂ O, sodium bicarbonate	54
	10× DMEM	NaOH/HCl	None	72
	10× MEM	None	Sodium bicarbonate	74
7.4	10× PBS	NaOH	H ₂ O	12, 19, 26, 27, 49, 61, 73, 76, 77 (BD, Vitrogen protocol)
	10× PBS	NaOH	1× PBS	21
	10× MEM	None	Sodium bicarbonate, FBS	75
	10× MEM	NaOH, HEPES	1× M199	53
	10× MEM	NaOH, HEPES	1× PBS	65
	10× MEM	NaOH, HEPES	FBS	55
	None	NaOH	1× DMEM, agarose	16
	10× DMEM	NaOH	1× DMEM	56
	10× DMEM	NaOH, HEPES	H ₂ O, sodium bicarbonate, FBS	47
	10× M199/RPMI	NaOH, HEPES	H ₂ O, sodium bicarbonate	70
	10× HBSS	NaOH	1× DMEM sodium bicarbonate	71
Neutral/physiological (exact pH not specified)	10× M199	NaOH	1× M199	44
	10× MEM	NaOH	1× M199	63
	10× PBS	NaOH	H ₂ O	29, 41, 59, 64
	2× PBS	HEPES	None	58
	10× PBS	NaOH, HEPES	1× PBS	62
	None	NaOH	None	78
8–8.5	10× DMEM	NaOH	None	28
8.4	10× DMEM	NaOH	1× DMEM	52
8.9	10× DMEM	NaOH	H ₂ O	57
pH range				
5–10	10× MEM	NaOH/HCl, HEPES	None	13
5.5–8.5	10× PBS	NaOH	dH ₂ O	34
6–9	Modified 10× PBS	None	None	60
6–13	Modified PBS	NaOH	None	50
6.5–8.0	Modified 2× PBS	NaOH/HCl	None	79
7–10	None	NaOH, HEPES	H ₂ O	35
7.1–8.3	4× or 2× PBS	NaOH or HEPES	None	80
7.4–11	10× PBS	NaOH	H ₂ O	51