

FIGURE 1

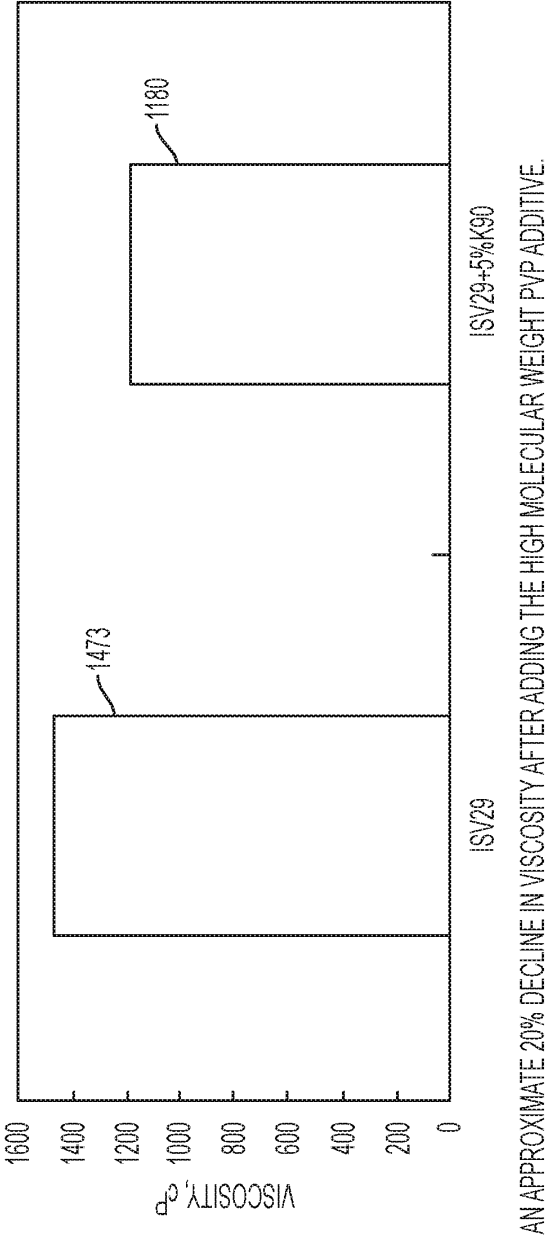


FIGURE 2A

SELF ASSEMBLY NOT DISRUPTED

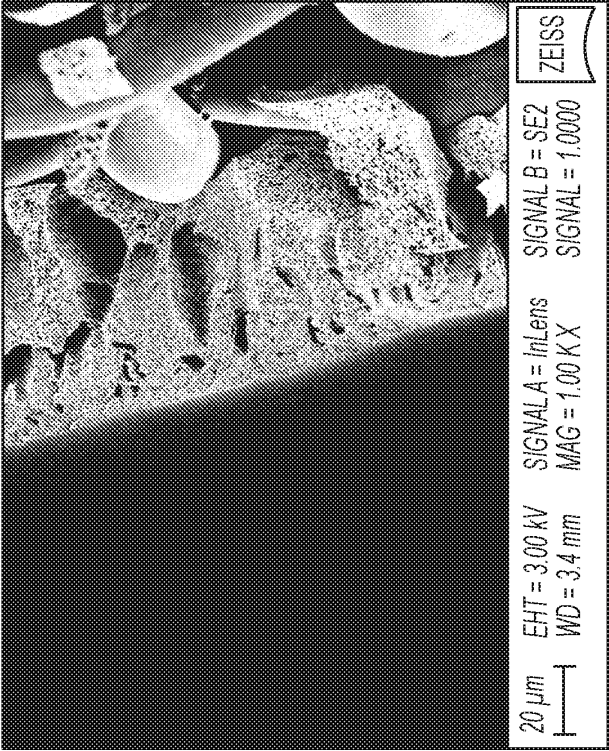
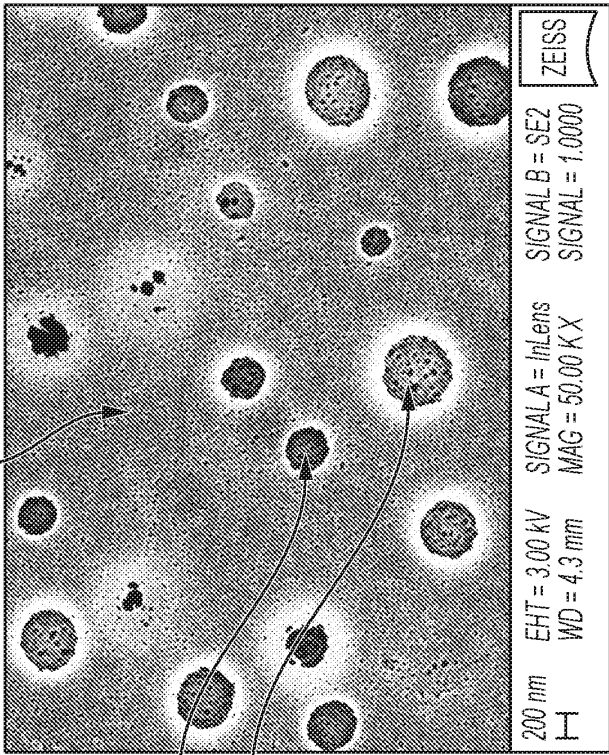
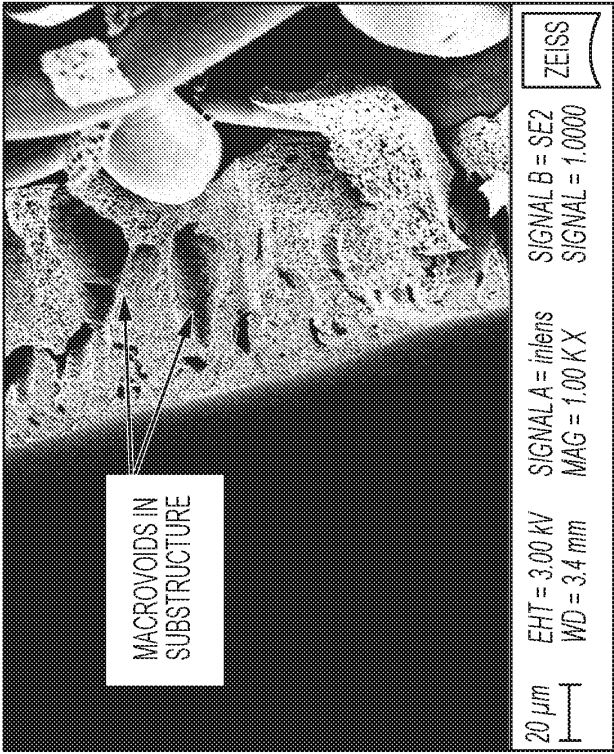


FIGURE 2B

ISV29 - NO ADDITIVE



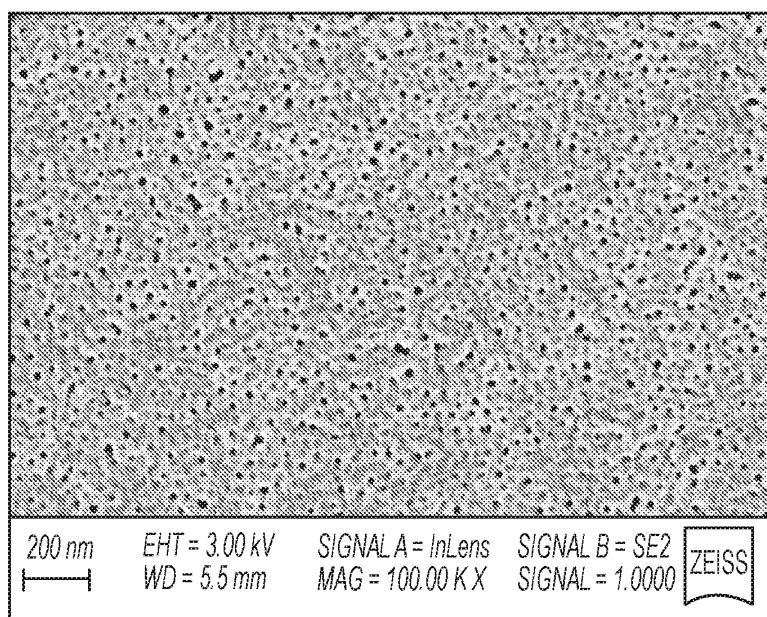
ISV29+150kPEG



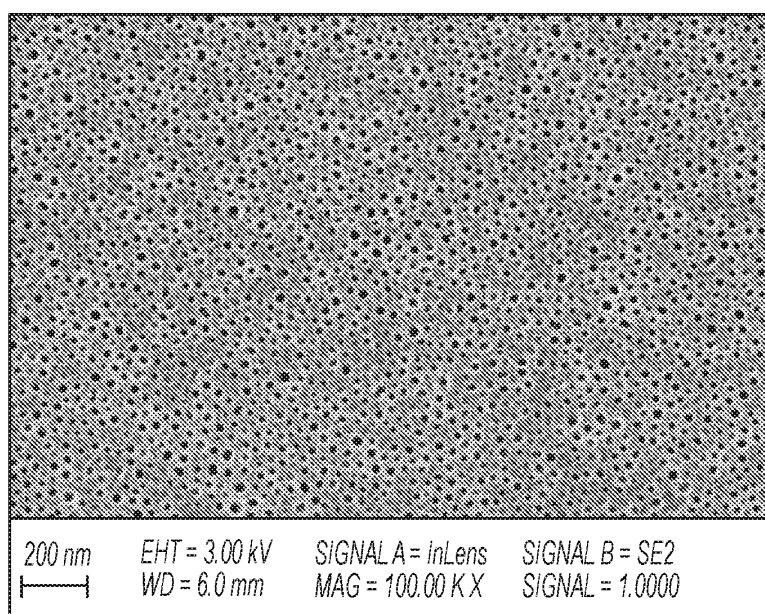
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FIGURE 3

NEAT ISV28



ISV28+5%K90 IN DOX/THF

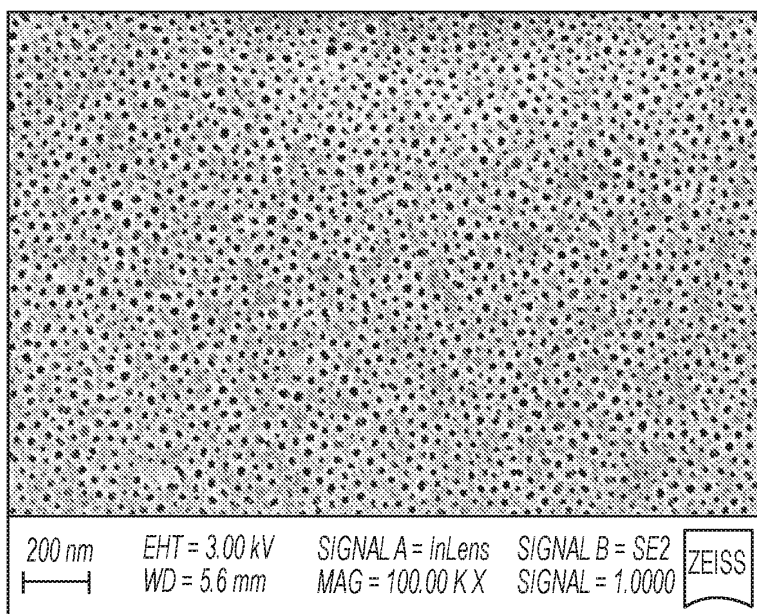


SUBSTITUTE SHEET (RULE 26)

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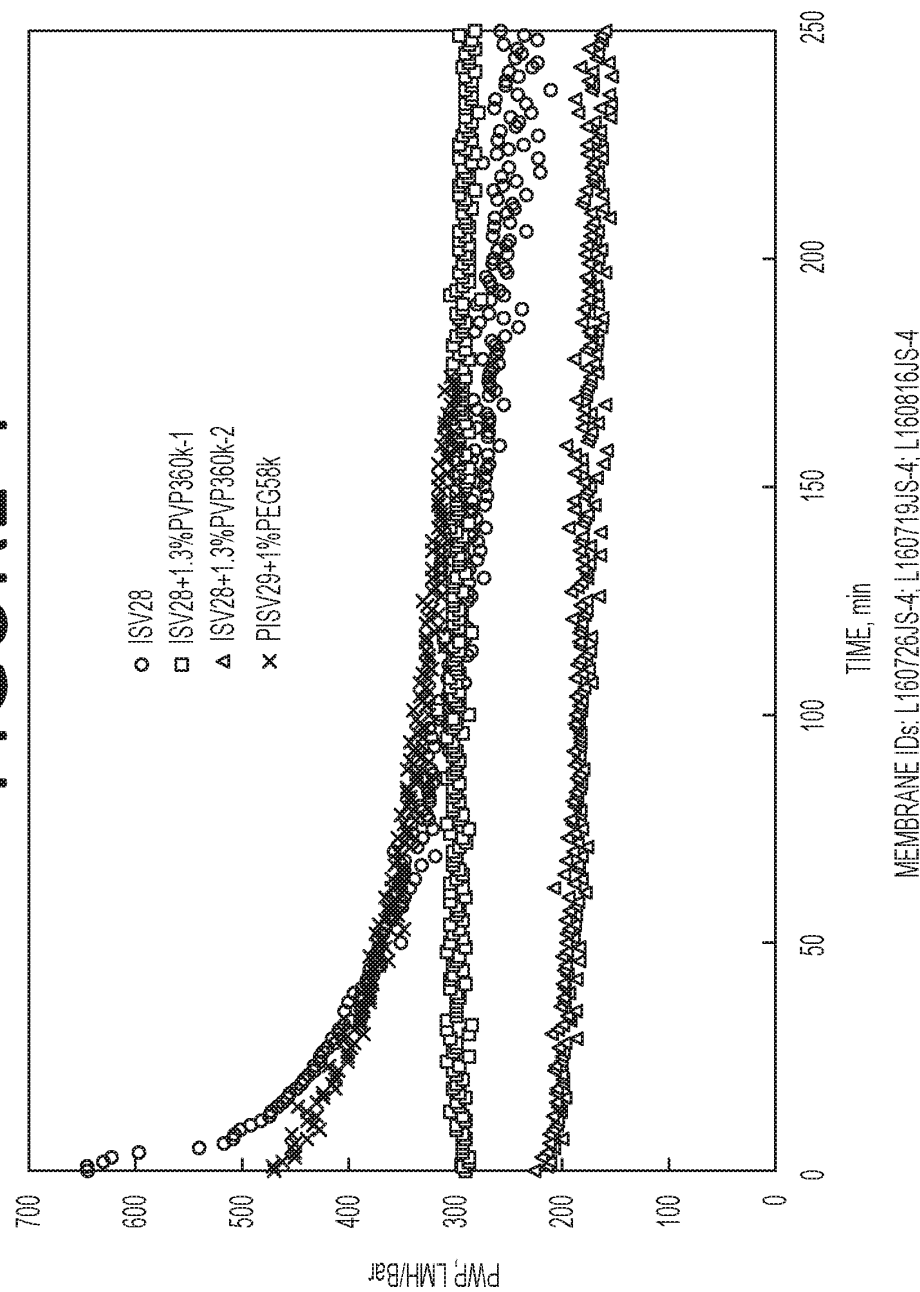
FIGURE 3 CONTINUED

ISV28+5%K90 IN DOX/Ace



ABOVE IMAGES SHOWS THE TOP SURFACE OF ISV MEMBRANES WITH AND WITHOUT THE HIGH MOLECULAR WEIGHT ADDITIVE IN DIFFERENT SOLVENT SYSTEMS. THESE IMAGES CLEARLY SHOWS THAT THE SELF ASSEMBLY WAS NOT DISRUPTED AFTER ADDING HIGH MOLECULAR WEIGHT PVP K90 IN THE CASTING DOPE.

FIGURE 4

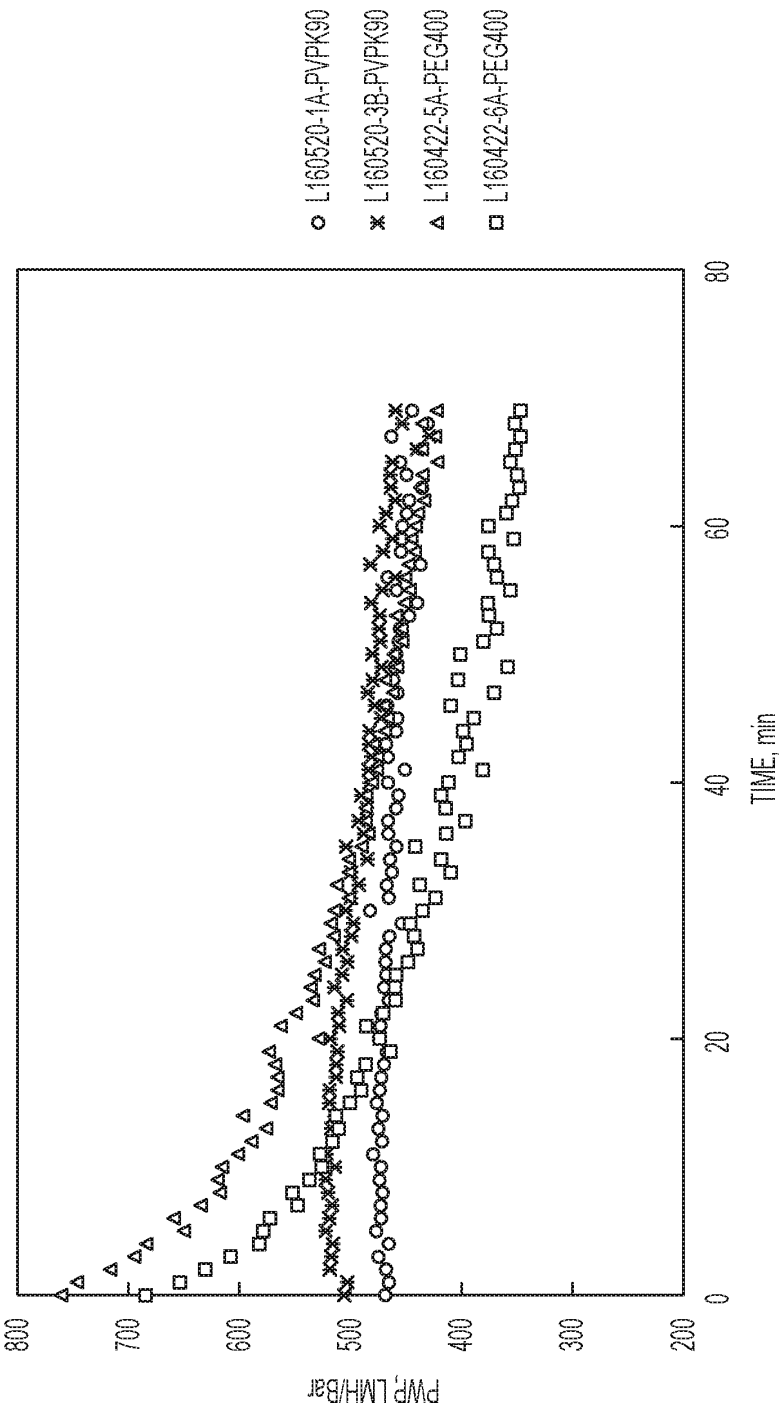


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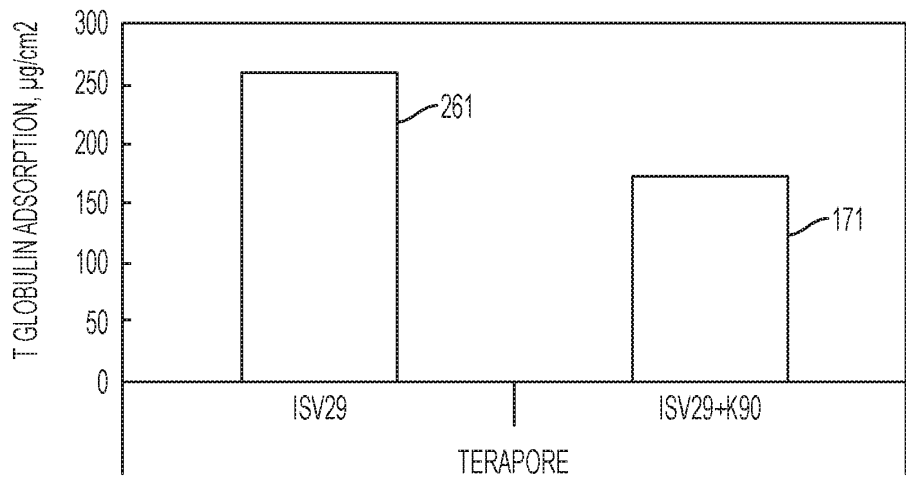
FIGURE 5

CONSTITUENTS	SOLVENT SYSTEM	MEMBRANE ID	FLUX, LMH/Bar	FLUX DECLINE, %
PISV28+1-2%K90	DOX/Ace	L160712JS-1	242	0.3
		L160712JS-3	287	-3
ISV28+5%K90	DOX/THF	L160602JS-4A	633.8	30
		L160520JS-1A	446	5
		L160520JS-1B	453	21
		L160520JS-3A	420	23
PISV22+5%PV/PK90		L160520JS-3B	455	12
		L160706JS-1	223	15
PISV28+5%PV/PK90	DOX/Ace	L160706JS-2	211	5
		L160706JS-4	252	11
		L160706JS-5	175	8
		L160729JS-1	400	34
PISV29+0.5%PV/PK90		L160719JS-1	311	8
		L160719JS-2	291	18
		L160719JS-3	259	9
		L160719JS-4	440	10
ISV28+1-3%KK90	DOX/Ace			

FIGURE 6



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MEMBRANE WITH X90 HAS ABOUT 35% LESS ADSORPTION OF IgG COMPARED TO NEAT ISV POLYMER. MORE REPEATABLE DATA NEEDS TO BE COLLECTED.
MEMBRANE IDs: L160726JS-SB; L160729JS-2B

FIGURE 7A

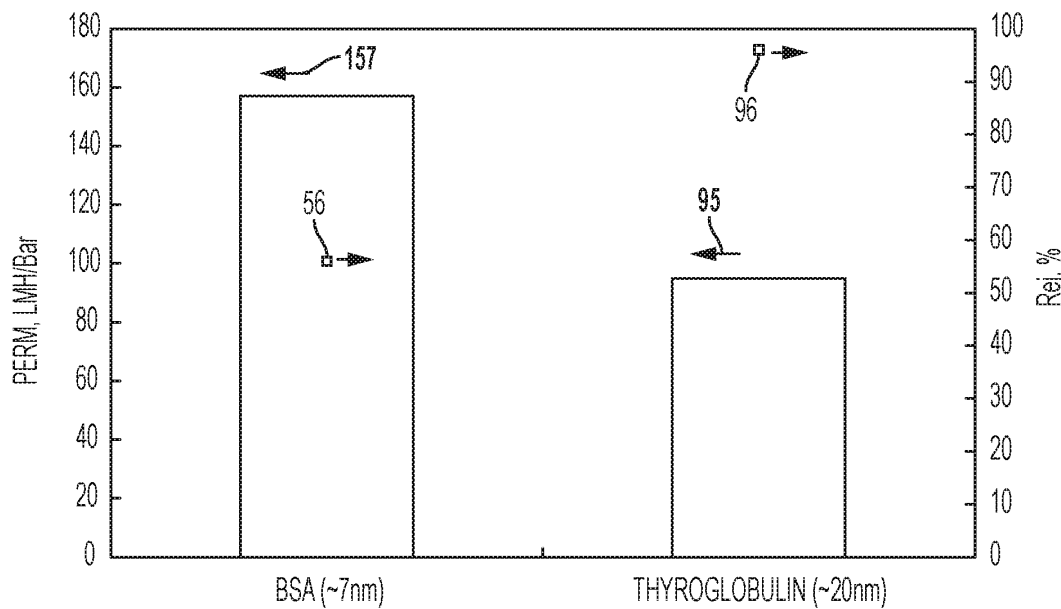
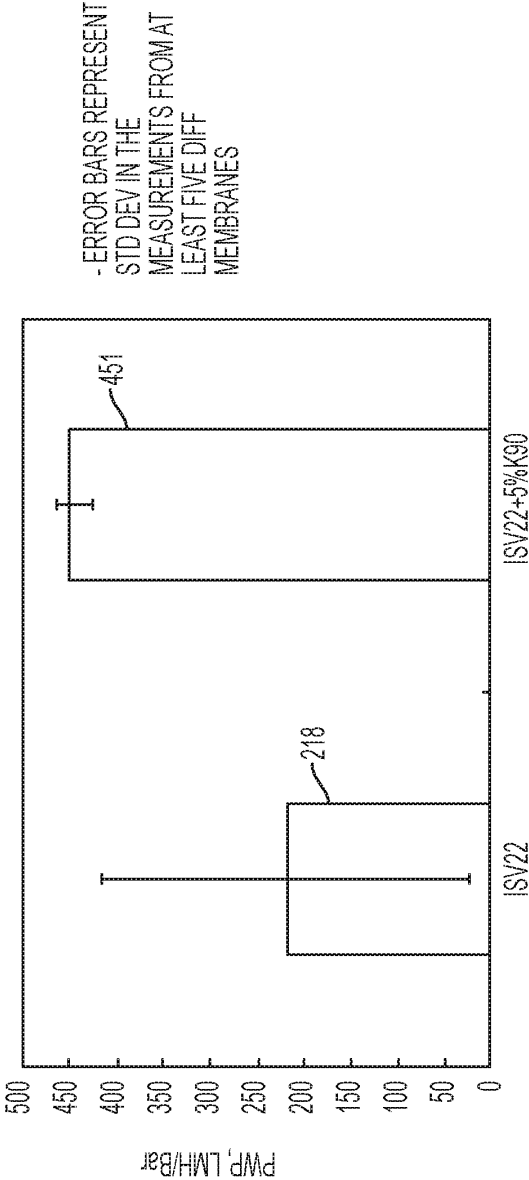
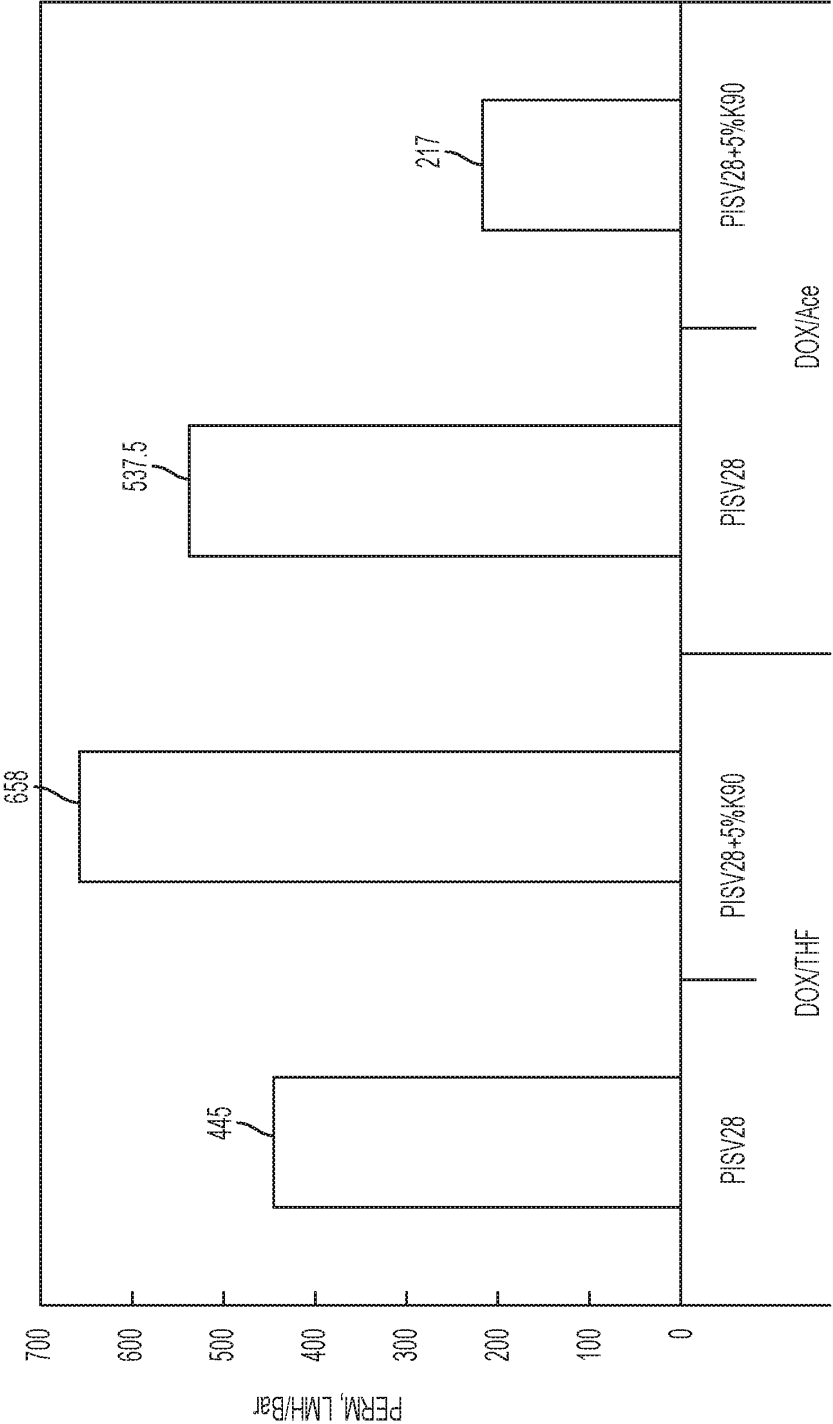


FIGURE 7B

FIGURE 7C





- MEMBRANE IDS: L160623JS; L160706JS; L160714JS; L160712JS; L160602JS

FIGURE 7D

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FIGURE 8

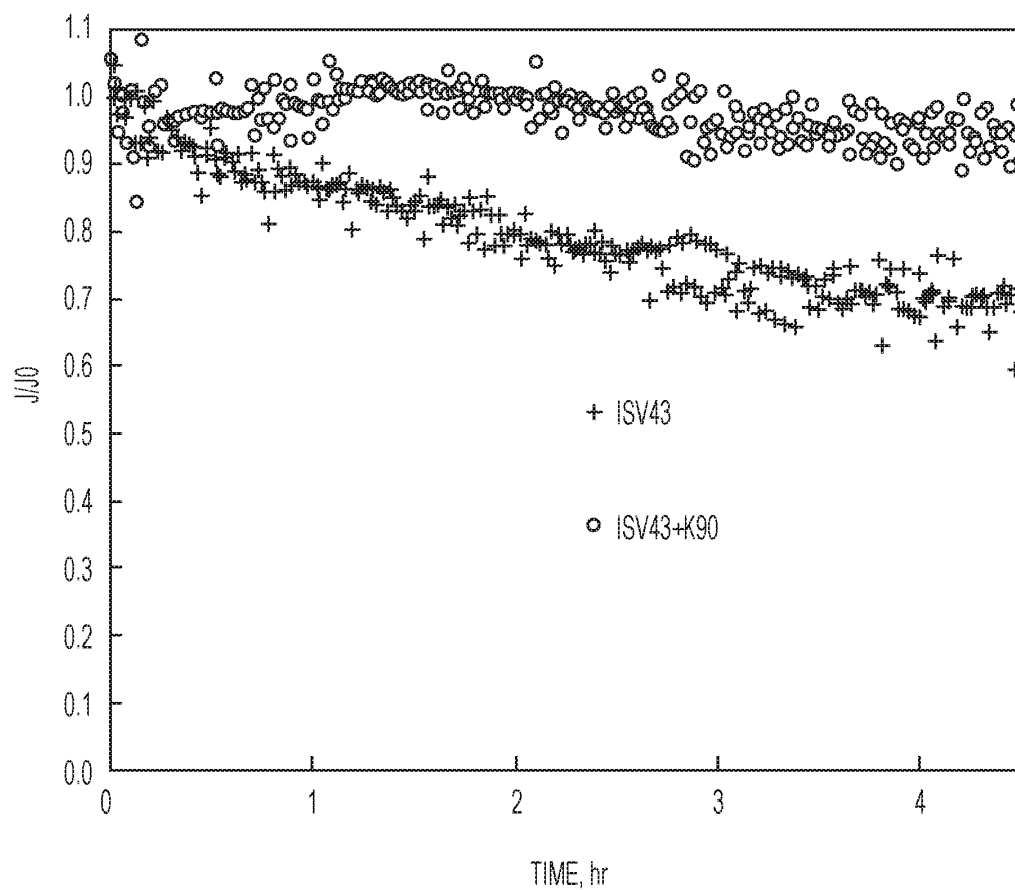


FIGURE 9

