

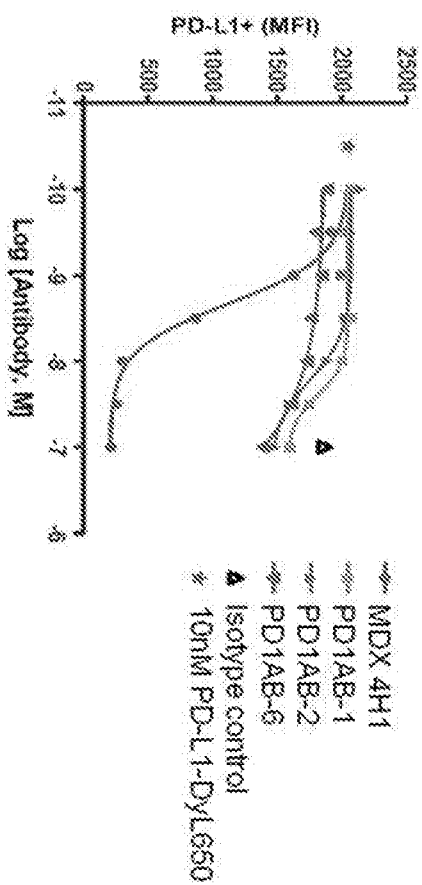


FIG. 1A

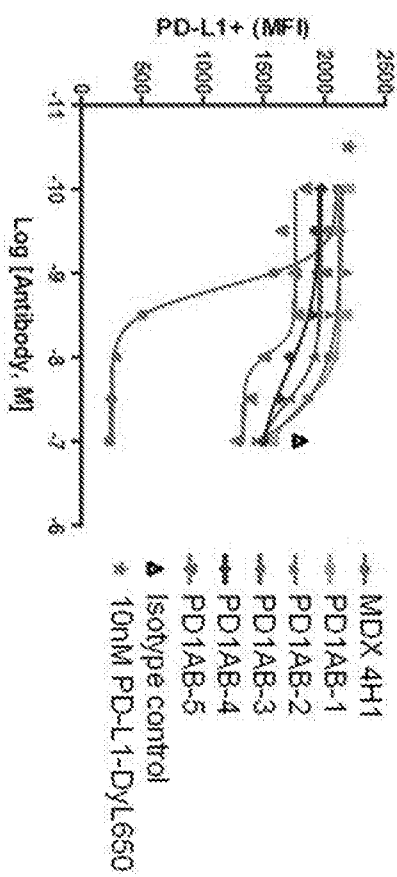


FIG. 1B

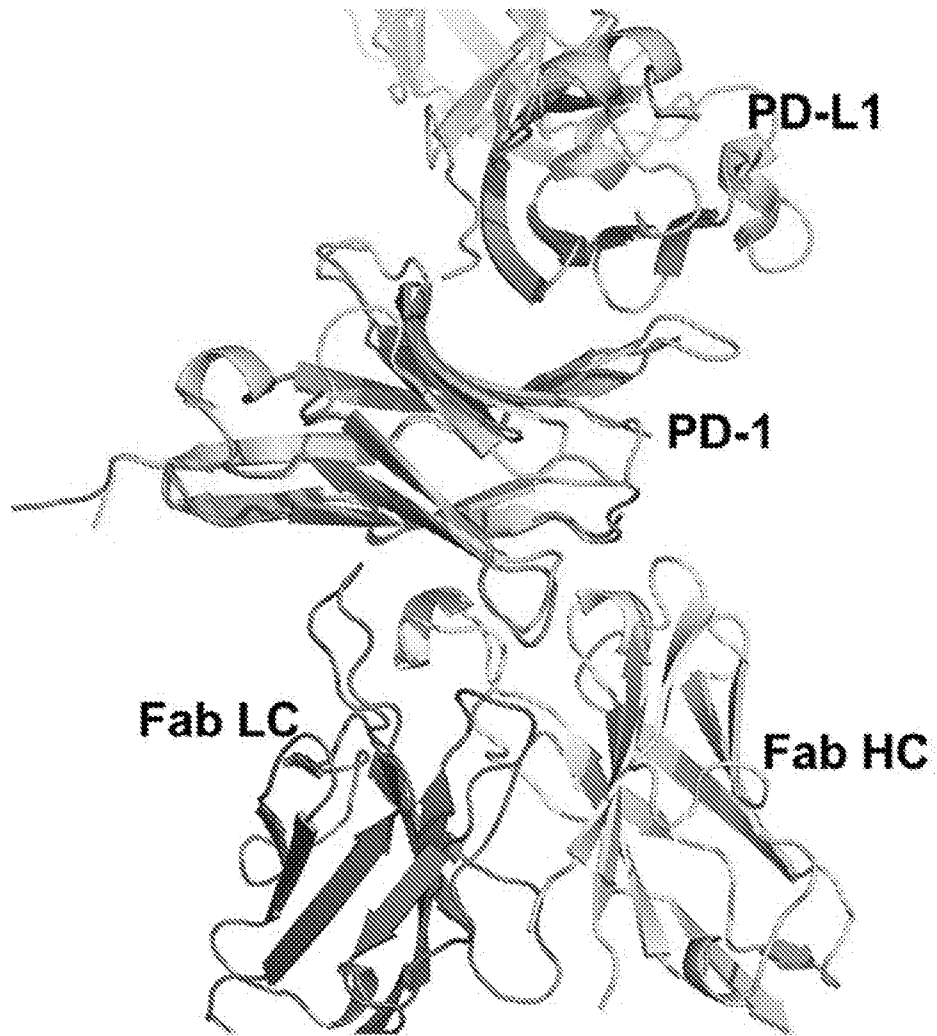


FIG. 2

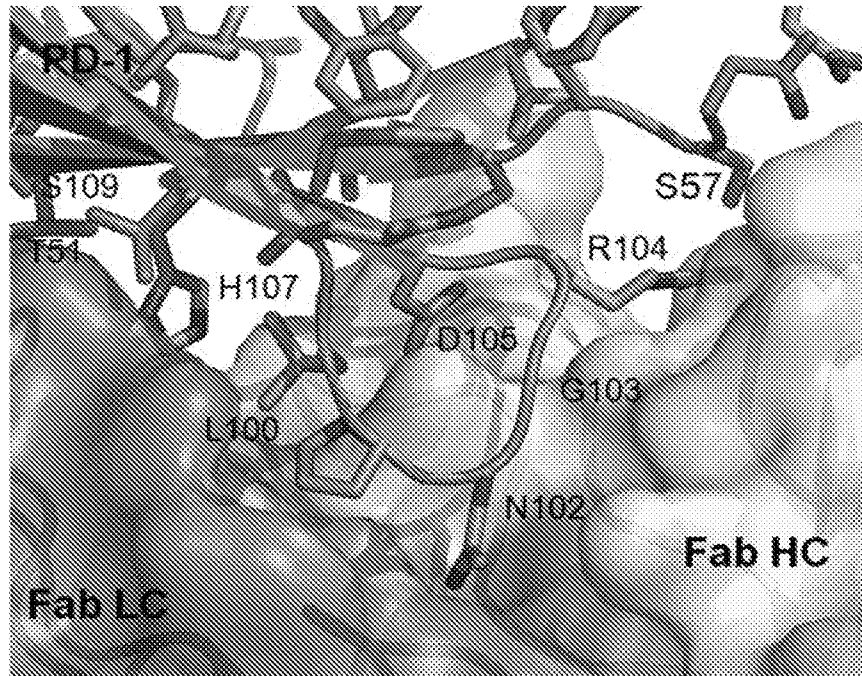


FIG. 3

>LC_PDIAB-6-IgG1
 DIVMTQSPDSLAVSLGERATINCKSGQSVLYSSNQKNFLAWYQQKPGQPKLLYWASTRKSGVPDRFSGSGSGTDFTLTISLQAE
 DVAVYCHQYLYSWTFGQGTIKLEIKRIVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQD
 SKDSYSTSLSTILLSKADYEKHKVYACEVTHQGLSPVTKSFNRGEC

>HC_PDIAB-6-IgG1
 EVQLVQSGAEVKKPGATVKISCKASGFNIKDTYIHWVQQAAPGKGLEWMGRIDPANGDRKYDPAKIQGRVTITADISTDIAYMEIS
 SLRSEDIAYVYCARSGPVYTYGSSYVADYWGQGITVTYSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSG
 ALISGVIHFPAYLQSSGLYSISVTVPPSSLGITQTYICNVNHHKPSNTKVDKKEPKSCDKTHICPPAPPELLGPSVFLPPPKPD
 TLMISRIPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKIKPREEQYNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPI
 EKTISKAKGQPREPQVYTLPPSRDELIKNQVSLICLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ
 QGNVFSCSVMEALHNHYTQKSLSLSPGK

>HC_PDIAB-6-IgG1-K322A
 EVQLVQSGAEVKKPGATVKISCKASGFNIKDTYIHWVQQAAPGKGLEWMGRIDPANGDRKYDPAKIQGRVTITADISTDIAYMEIS
 SLRSEDIAYVYCARSGPVYTYGSSYVADYWGQGITVTYSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSG
 ALISGVIHFPAYLQSSGLYSISVTVPPSSLGITQTYICNVNHHKPSNTKVDKKEPKSCDKTHICPPAPPELLGPSVFLPPPKPD
 TLMISRIPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKIKPREEQYNSTYRVSVLTVLHQDWLNGKEYKCAVSNKALPAPI
 EKTISKAKGQPREPQVYTLPPSRDELIKNQVSLICLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ
 QGNVFSCSVMEALHNHYTQKSLSLSPGK

>HC_PDIAB-6-IgGAP
 EVQLVQSGAEVKKPGATVKISCKASGFNIKDTYIHWVQQAAPGKGLEWMGRIDPANGDRKYDPAKIQGRVTITADISTDIAYMEIS
 SLRSEDIAYVYCARSGPVYTYGSSYVADYWGQGITVTYSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALIS
 GVHFPAYLQSSGLYSISVTVPPSSLGITKITYCNVDHKPSVTKVDKVESKYGPPCPAPPELLGPSVFLPPPKPDITMISRIPEVT
 CITVDISOEDPEIQTQENTYVDGVEVHNAKIKPREEQYNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY
 TLPPSRDELIKNQVSLICLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQEGNVTSCSVMEALHNHYTQ
 KSLSLSPGK

FIG. 4

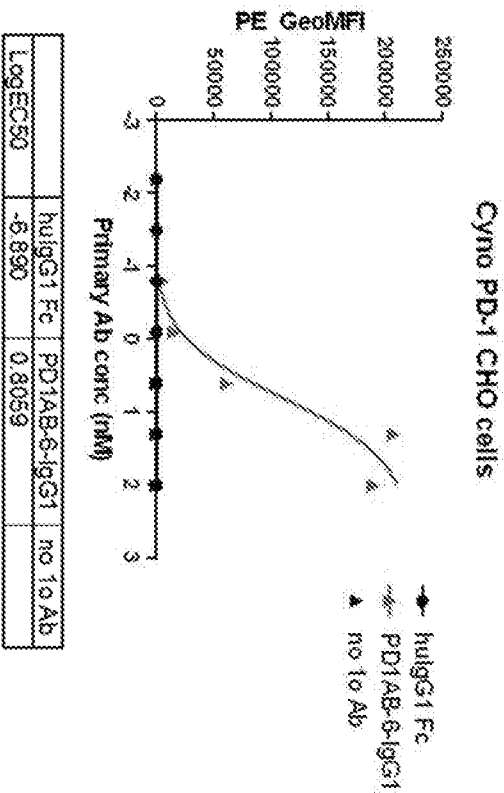


FIG. 5A

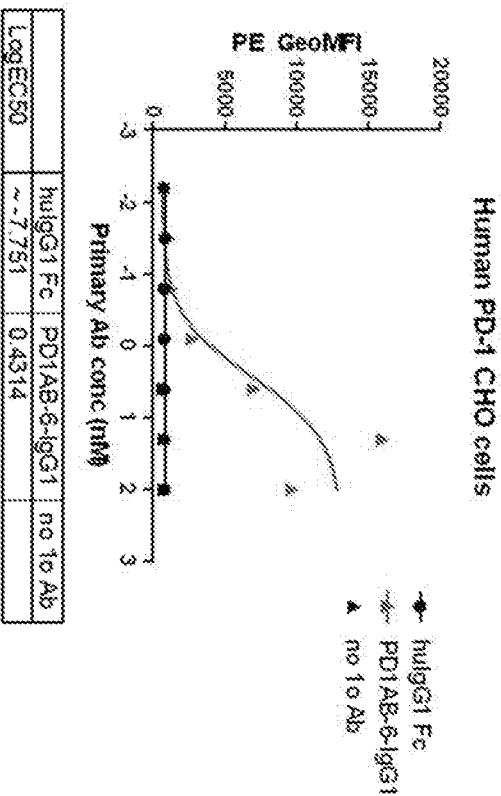
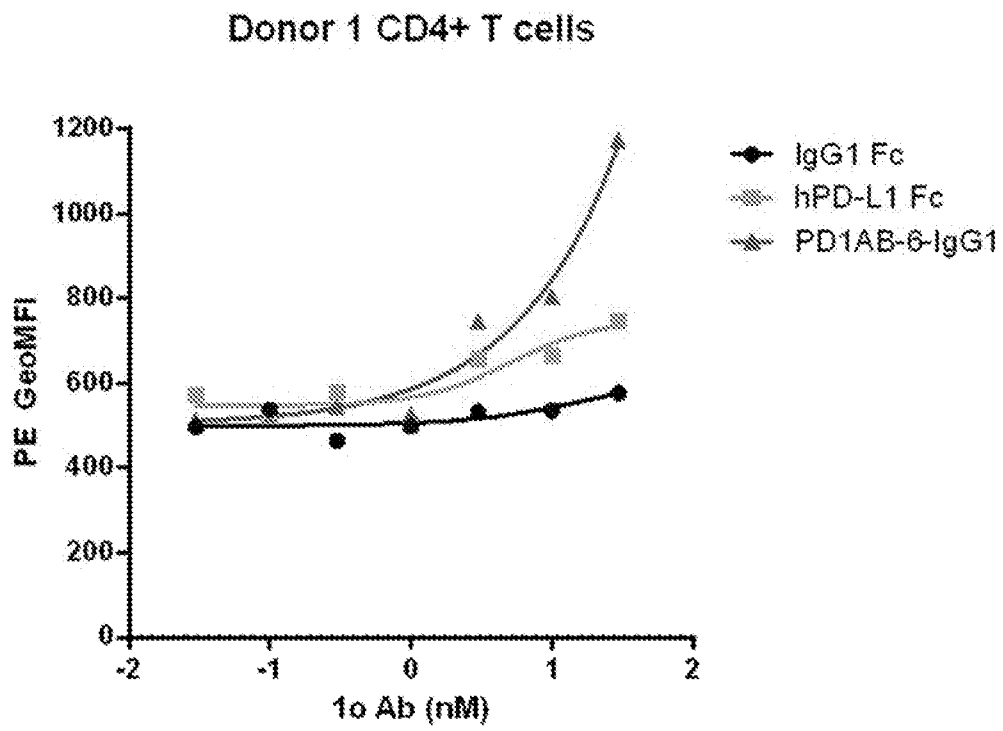
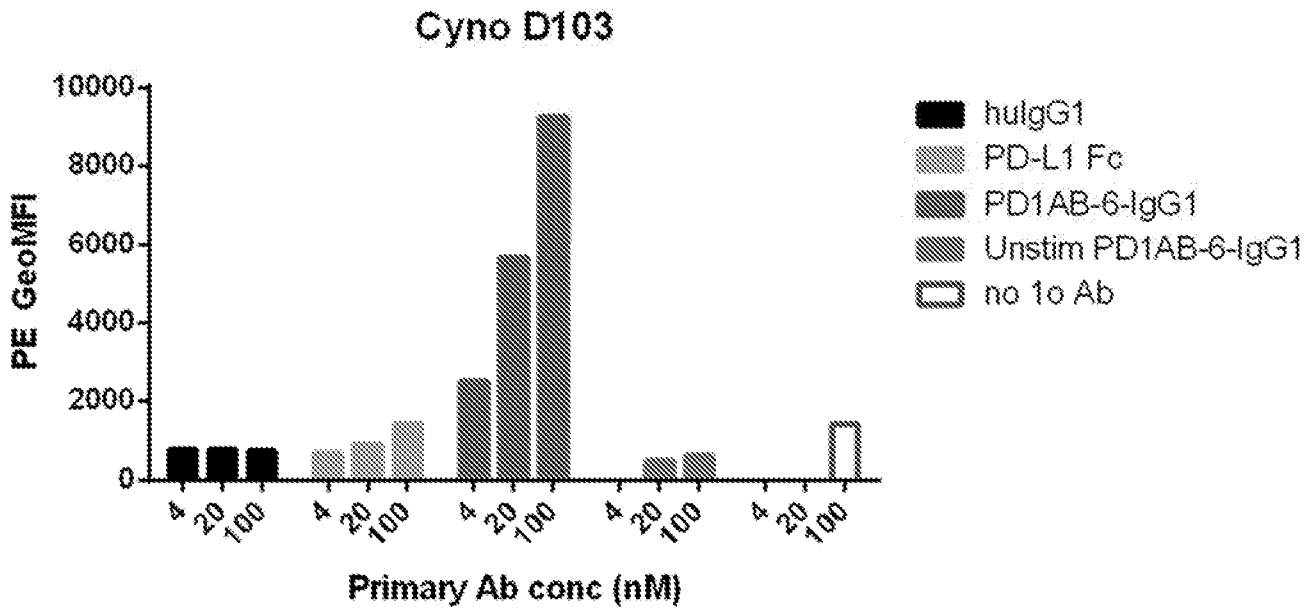


FIG. 5B

**FIG. 6**

**FIG. 7**

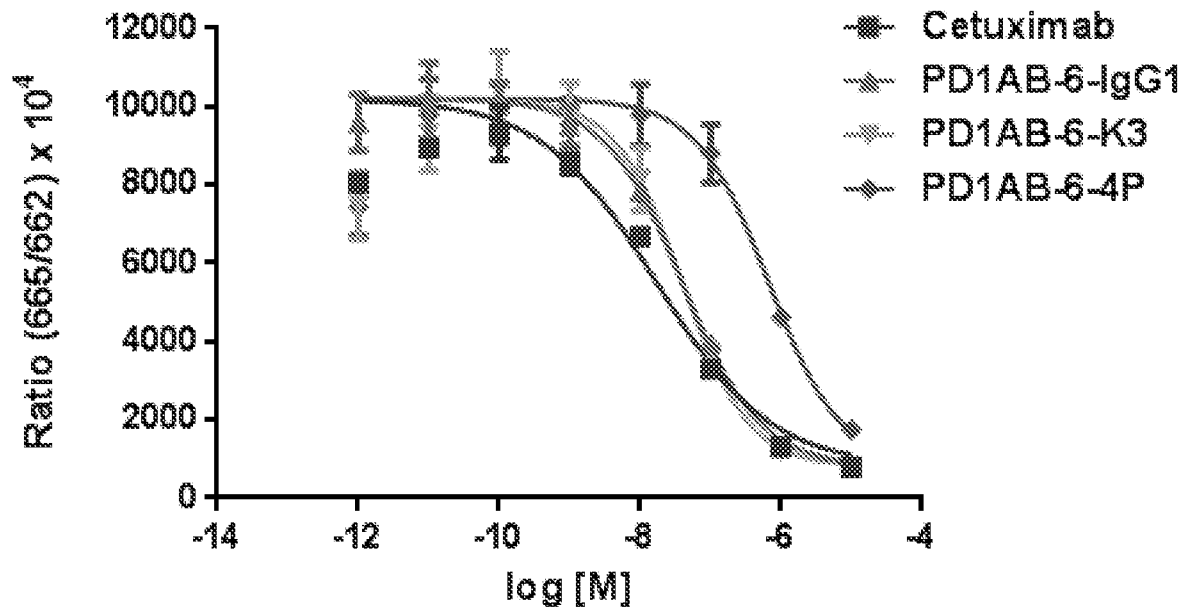


FIG. 8A

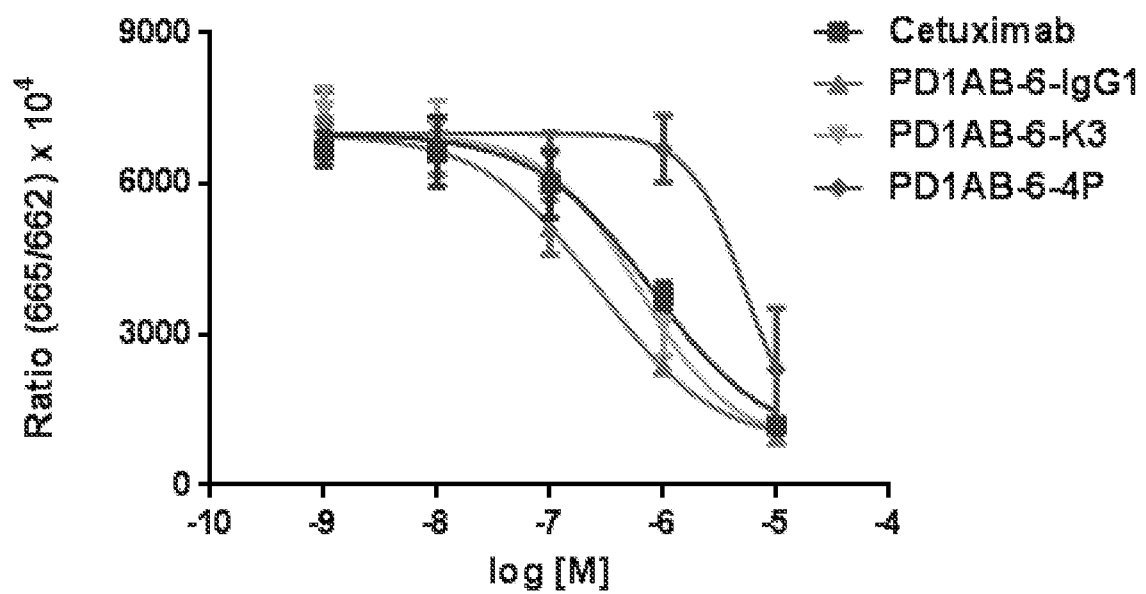


FIG. 8B

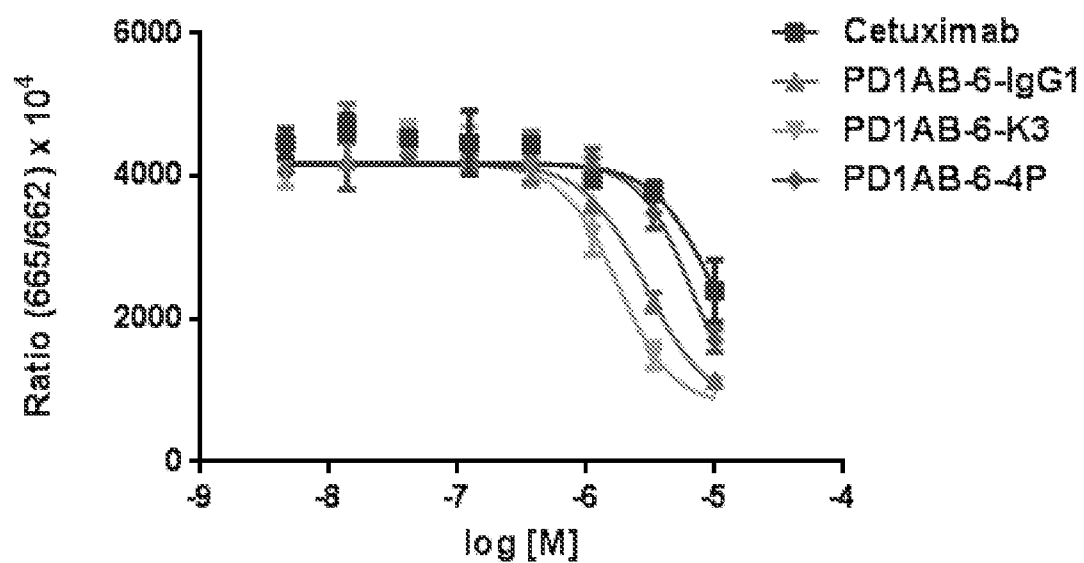
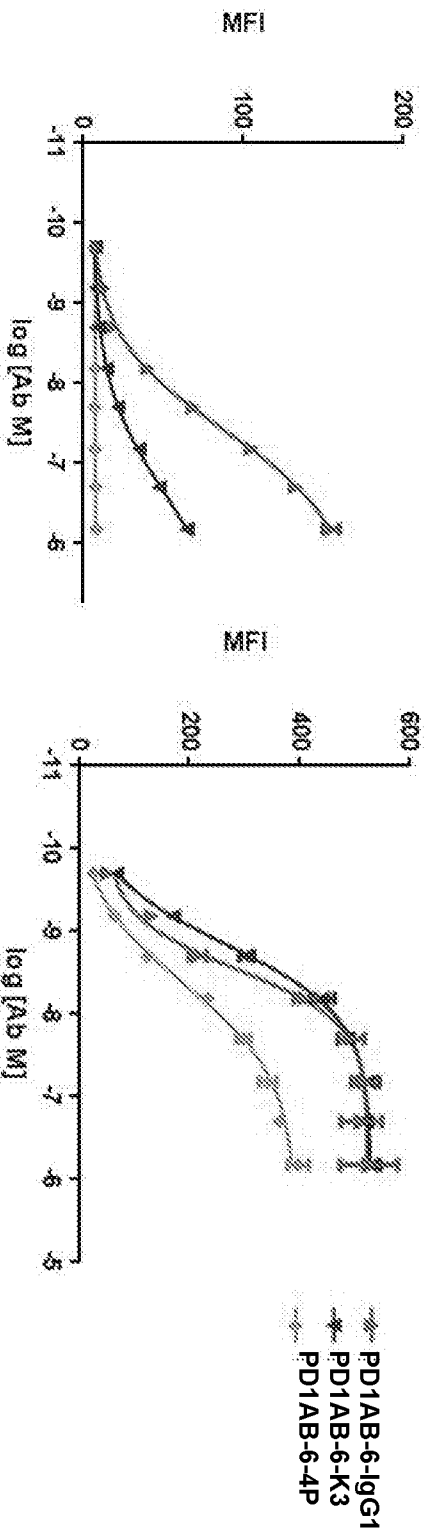


FIG. 8C

EC ₅₀ nM	FcγRI	FcγRIIIa (V158)	FcγRIIb
Cetuximab	33.1	915.7	9749.7
PD1AB-6-IgG1	54.7	293.9	2804.5
PD1AB-6-K3	56.0	622.6	1652.9
PD1AB-6-4P	868.9	6325.8	7179.1

FIG. 8D



EC ₅₀ (nM)	PD1AB-6-IgG1	PD1AB-6-K3	PD1AB-6-4P
FcγRI	2.6	1.5	12.4
FcγRIII	31.4	>666	NB

FIG. 9C

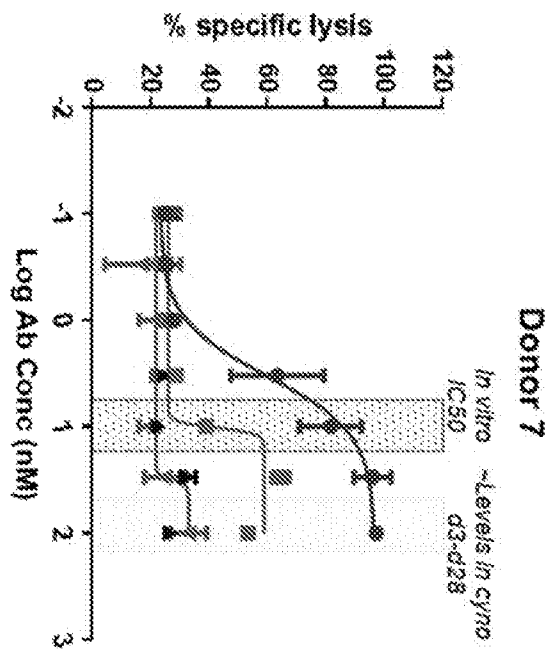


FIG. 10A

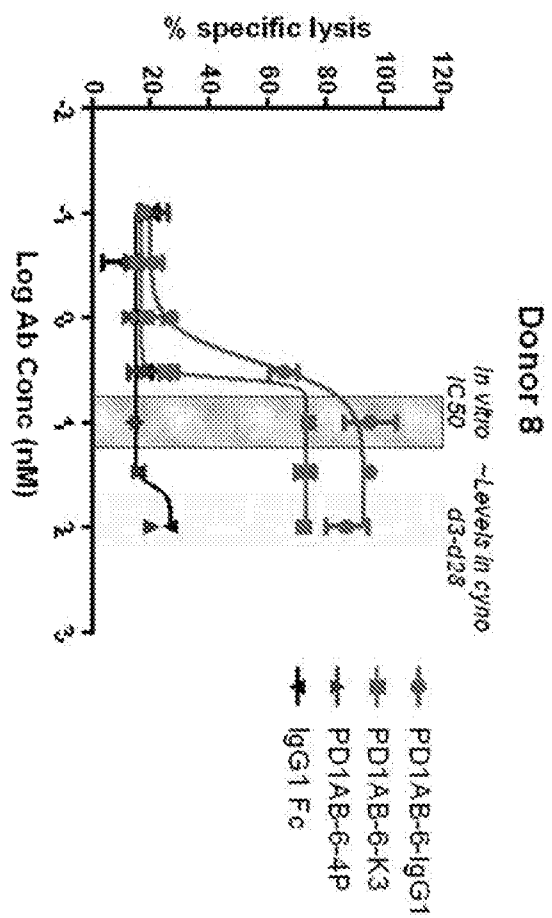


FIG. 10B

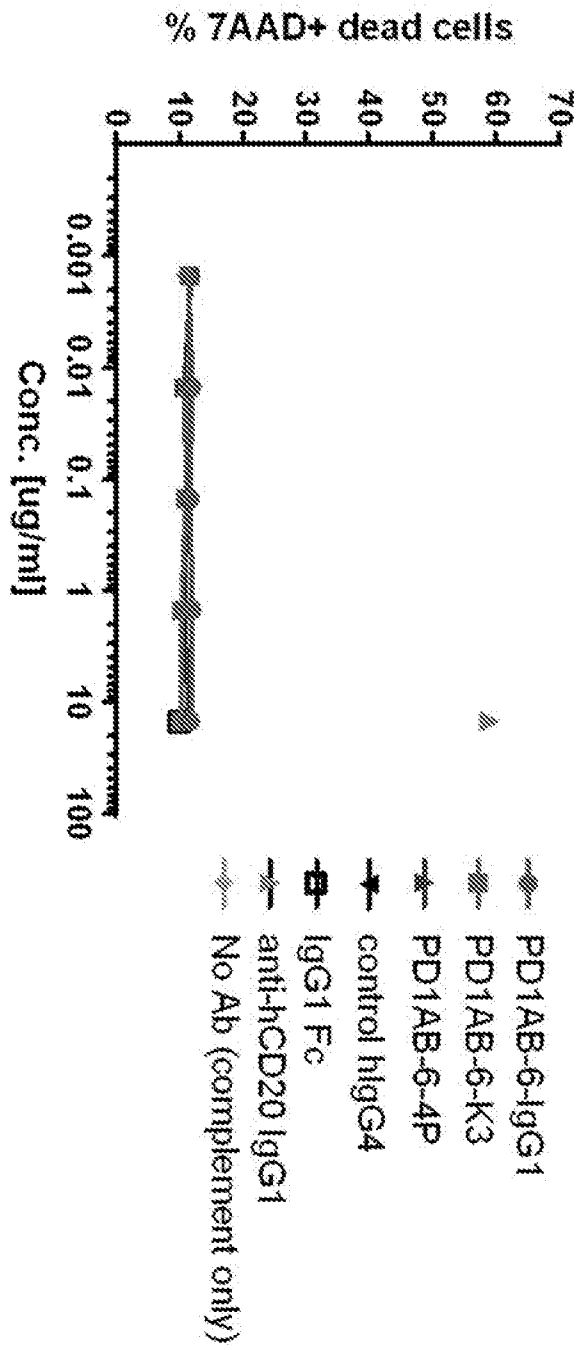
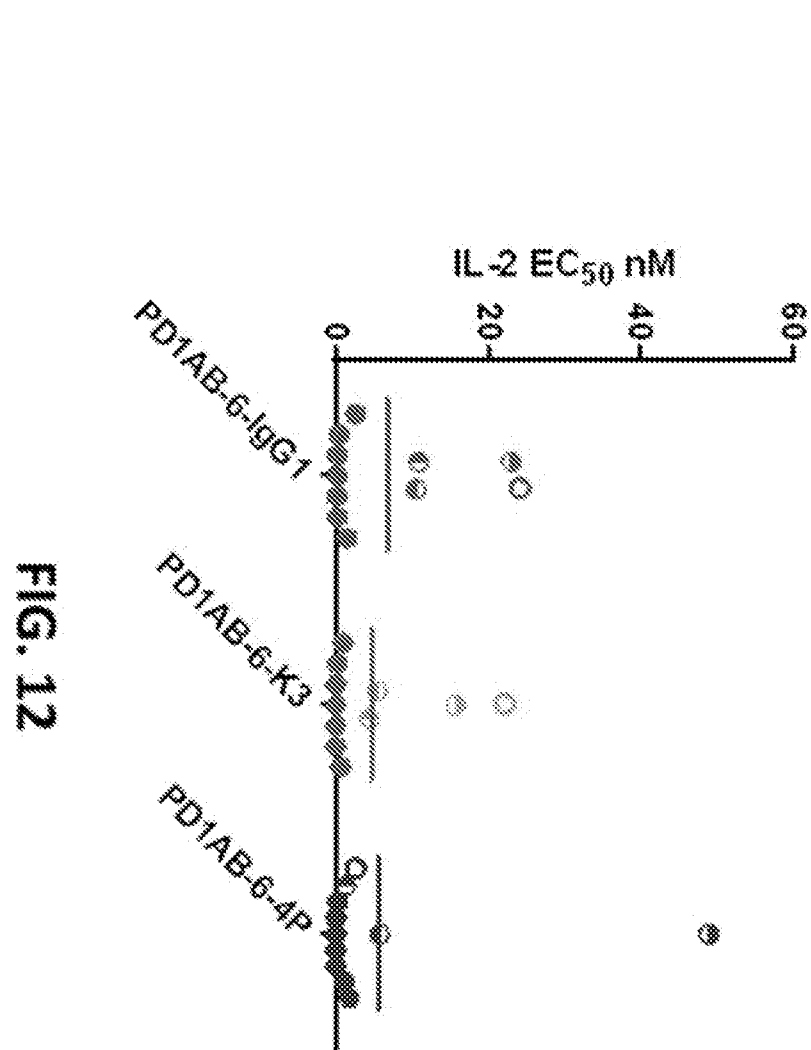
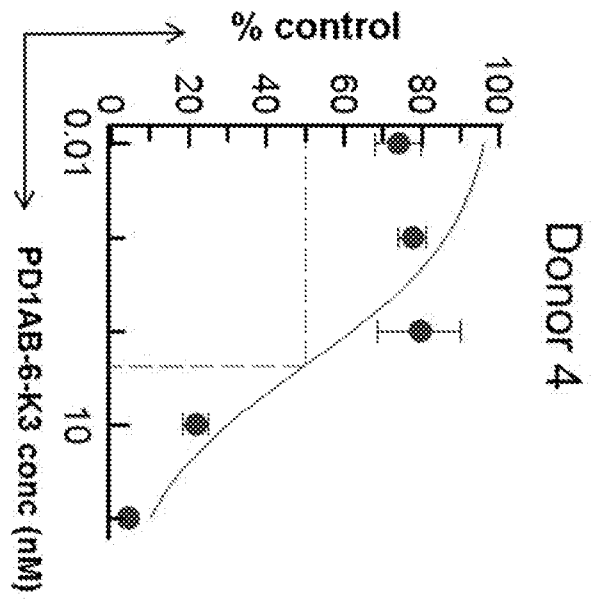


FIG. 11





	PD1A8-6-K3	PD1A8-6-4P	CTLA4Ig
	IFN- γ EC50 (nM)		
Donor 1	<0.01	<0.01	0.02
Donor 2	<0.01	0.02	<0.01
Donor 3	22.4	51	81
Donor 4	2.3	>100	9

FIG. 13

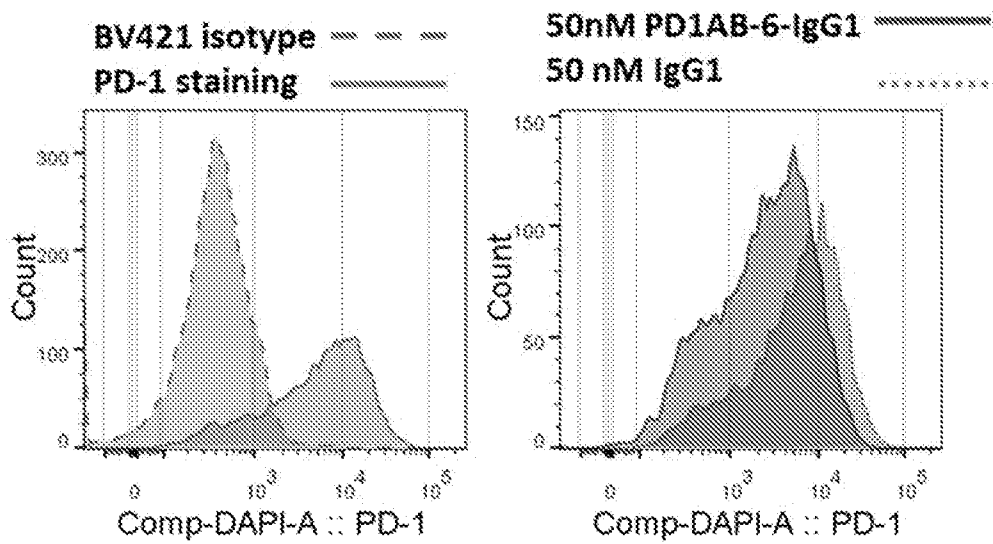


FIG. 14A

FIG. 14B

Gated on CD3+ T cells

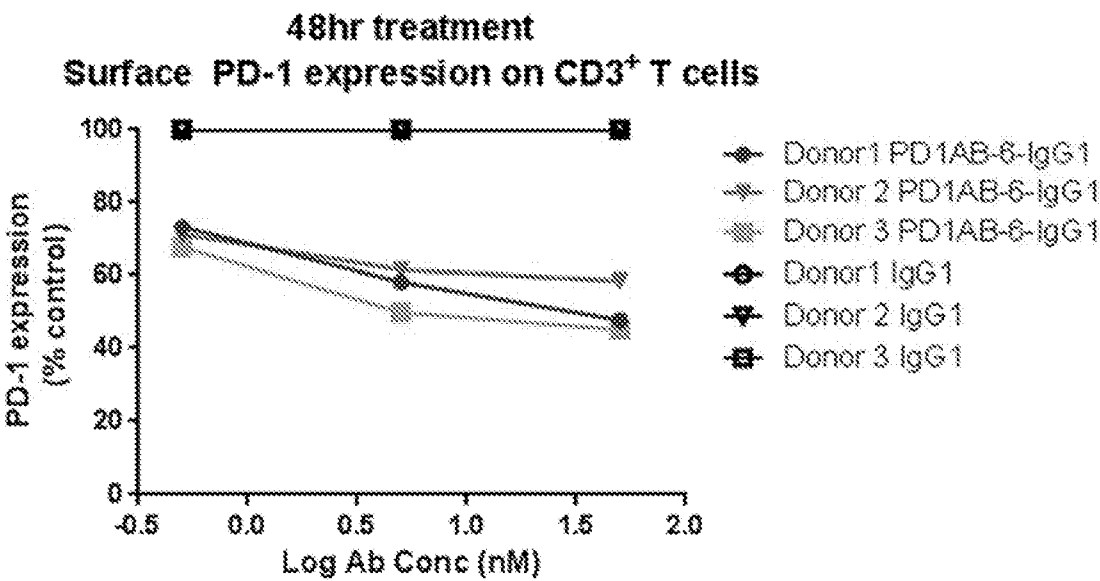


FIG. 14C

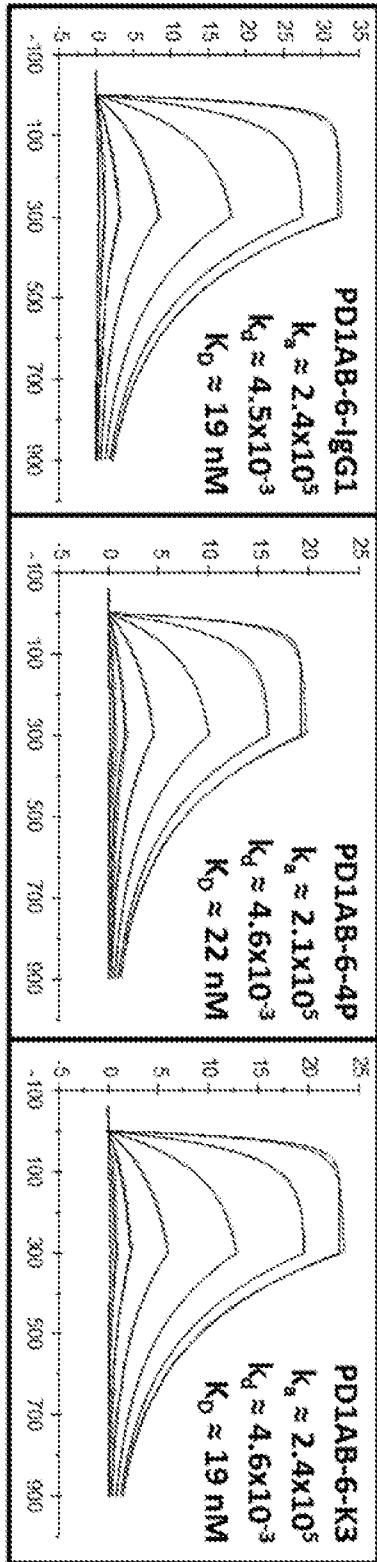
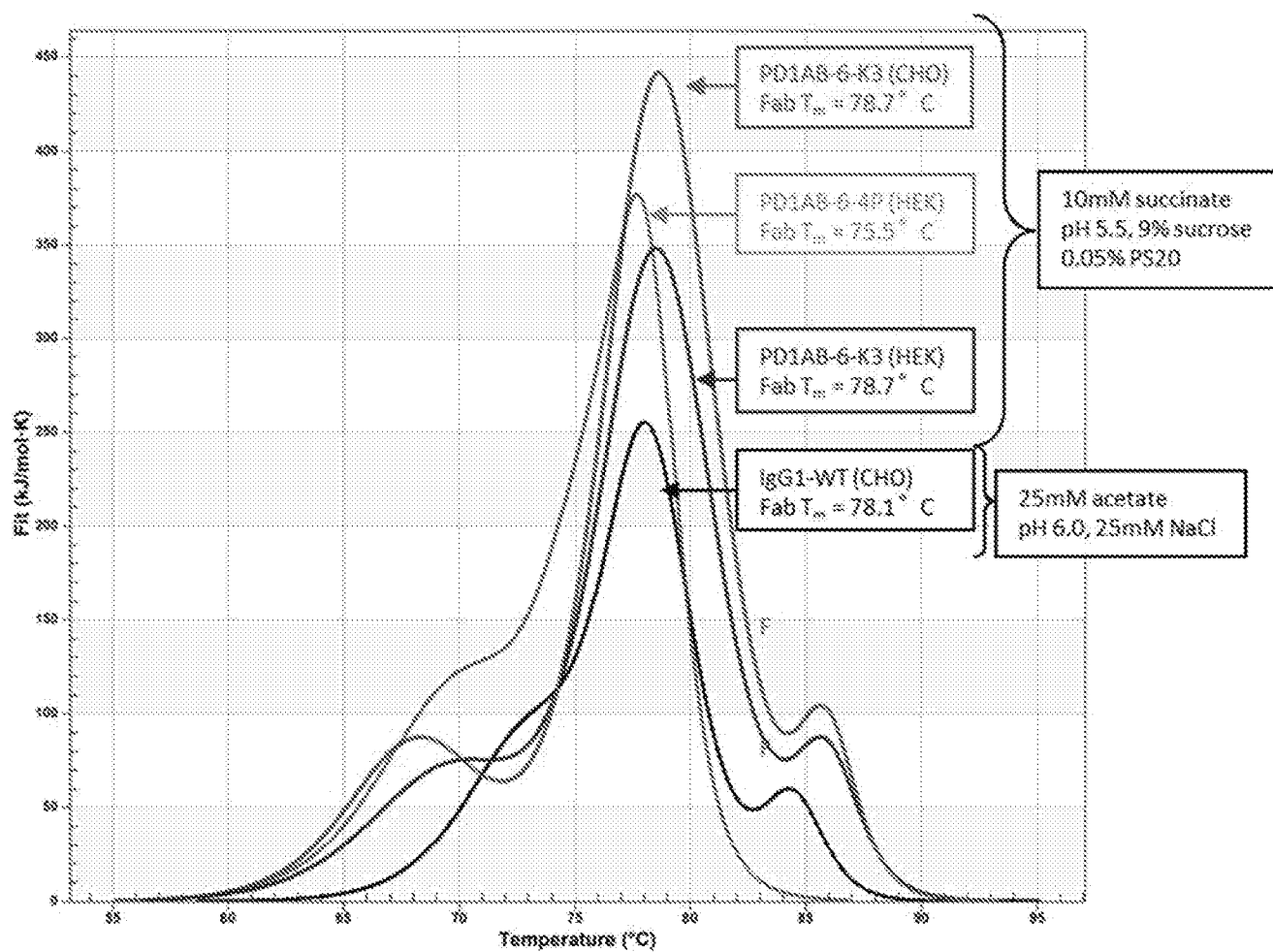
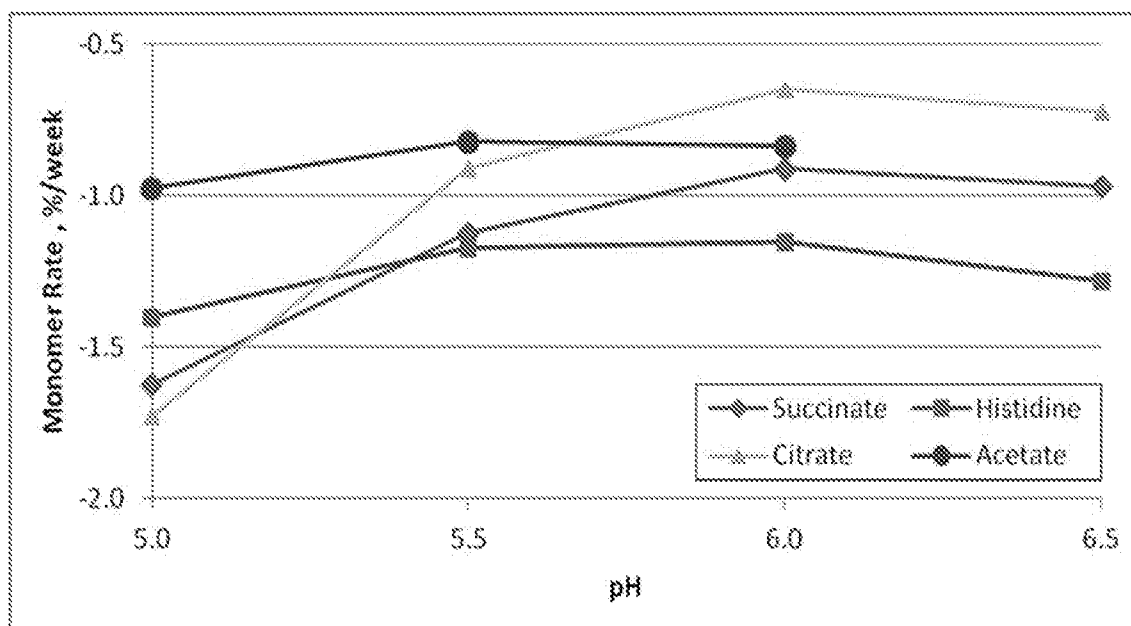


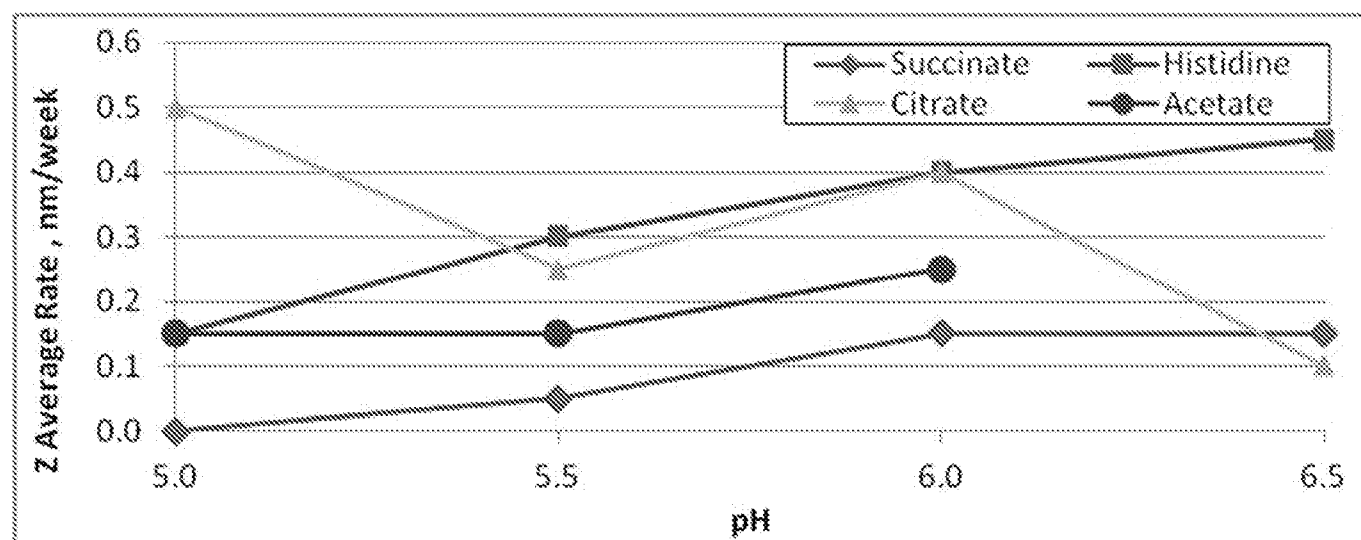
FIG. 15A

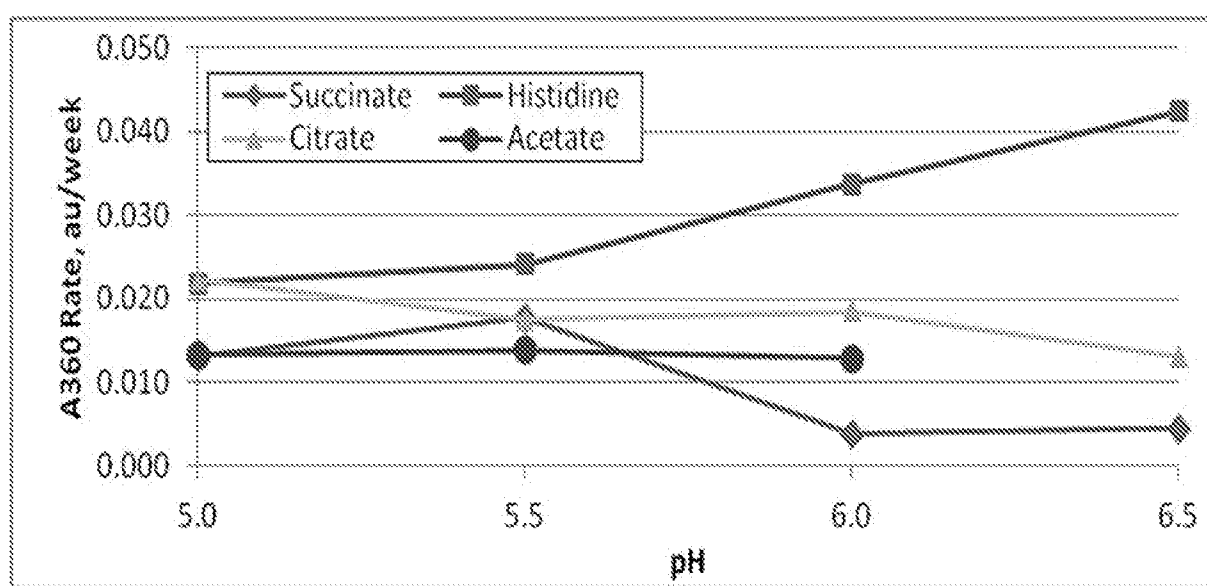
FIG. 15B

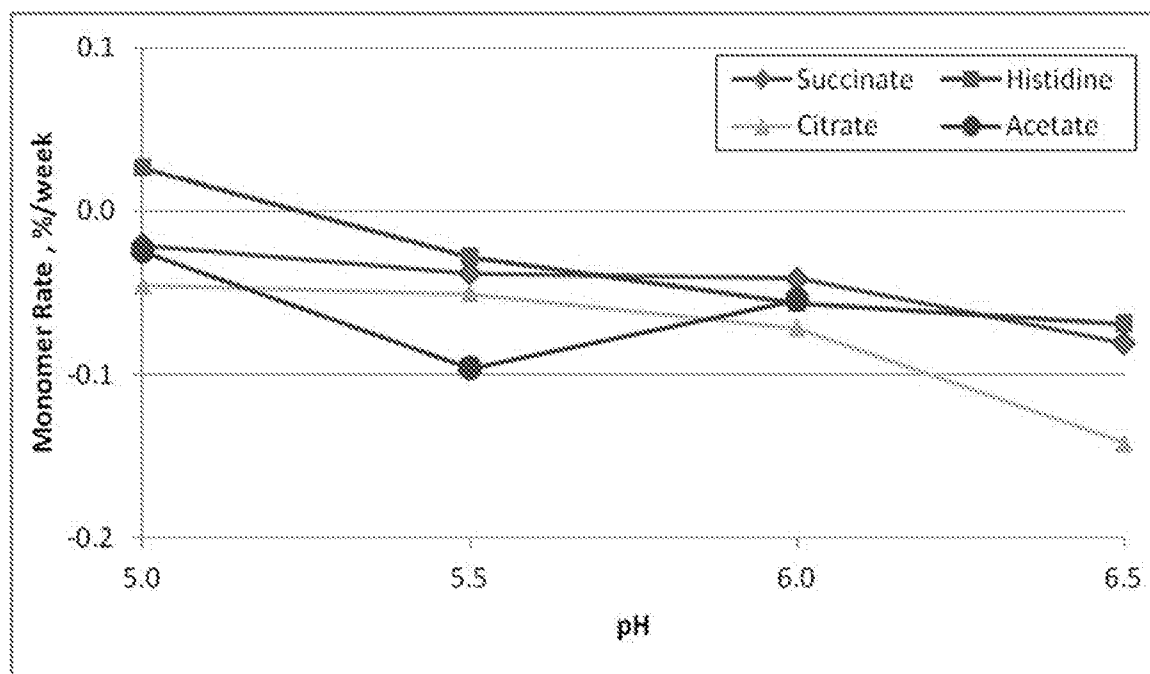
FIG. 15C

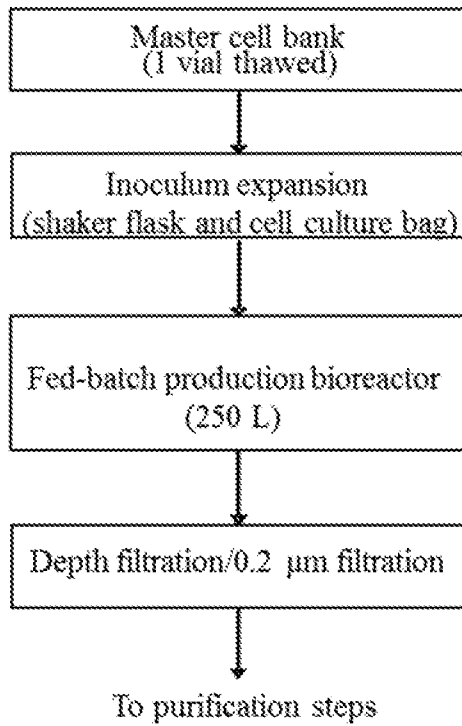
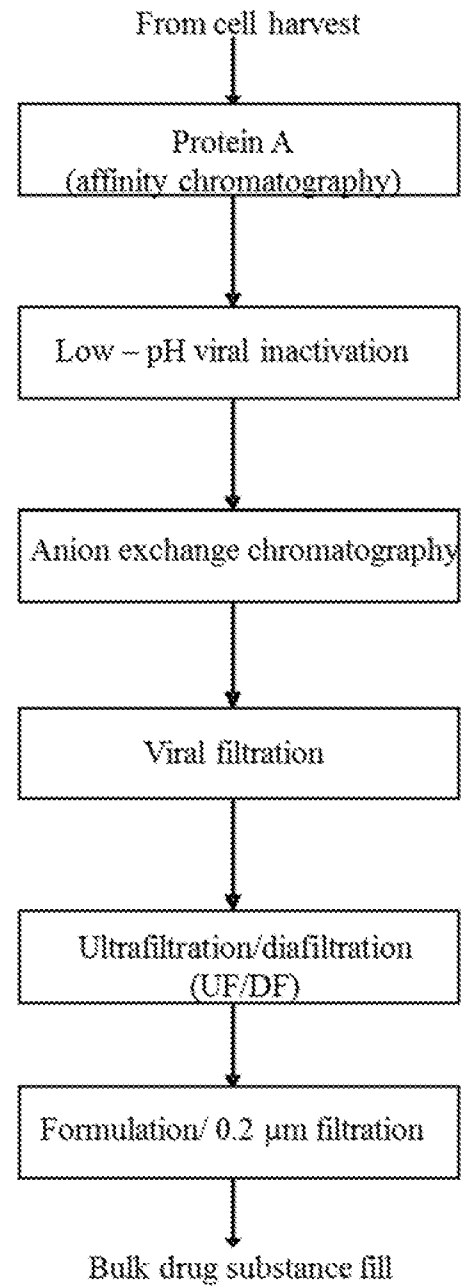
**FIG. 16**

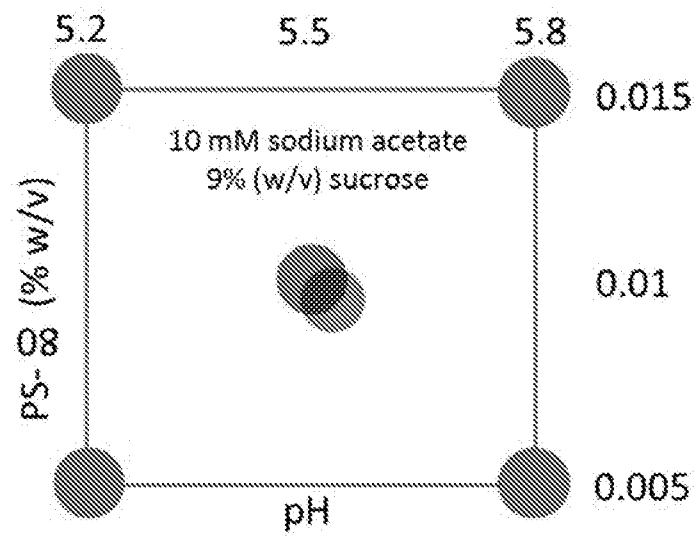
**FIG. 17**

**FIG. 18**

**FIG. 19**

**FIG. 20**

**FIG. 21A****FIG. 21B**

**FIG. 22**

12 Weeks 4 °C 0.005% (w/v) PS-80 samples

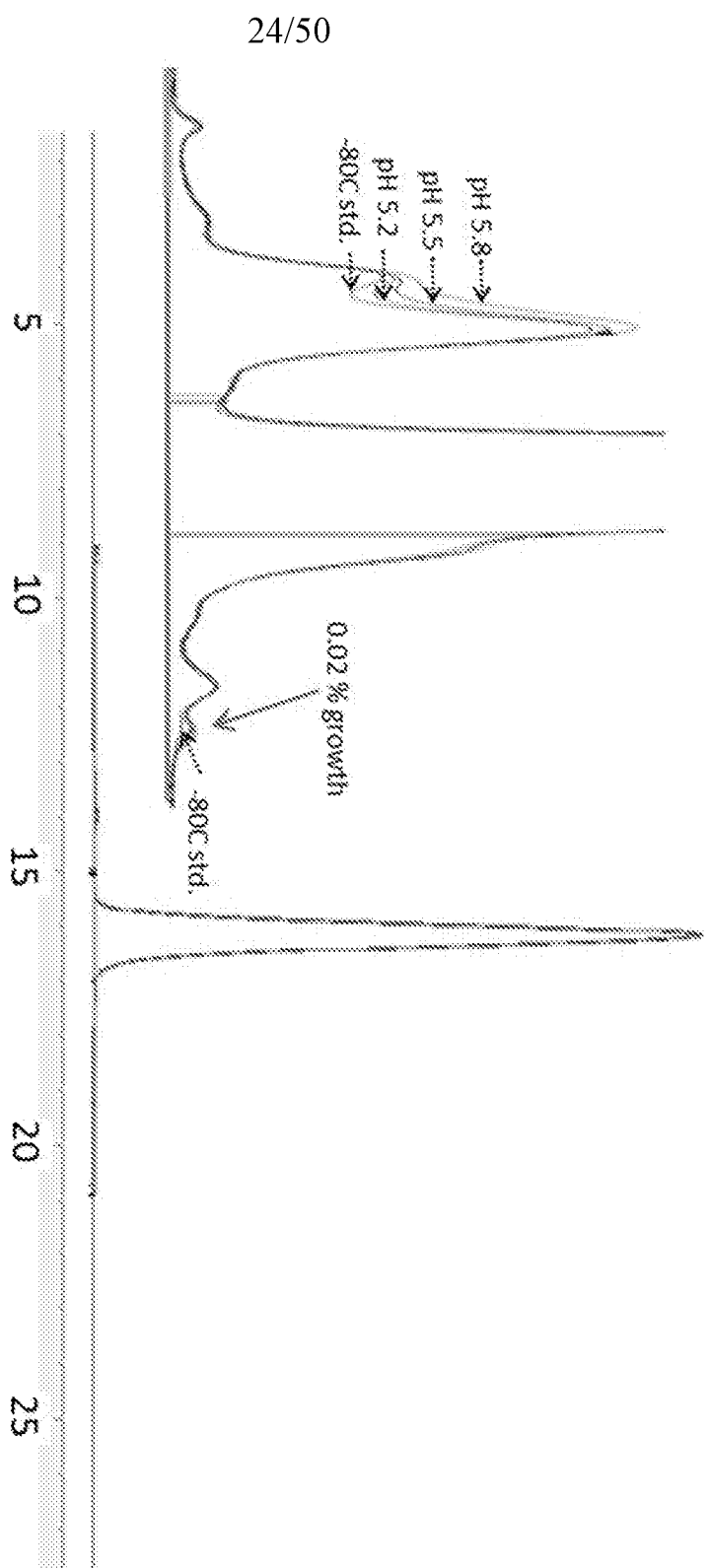
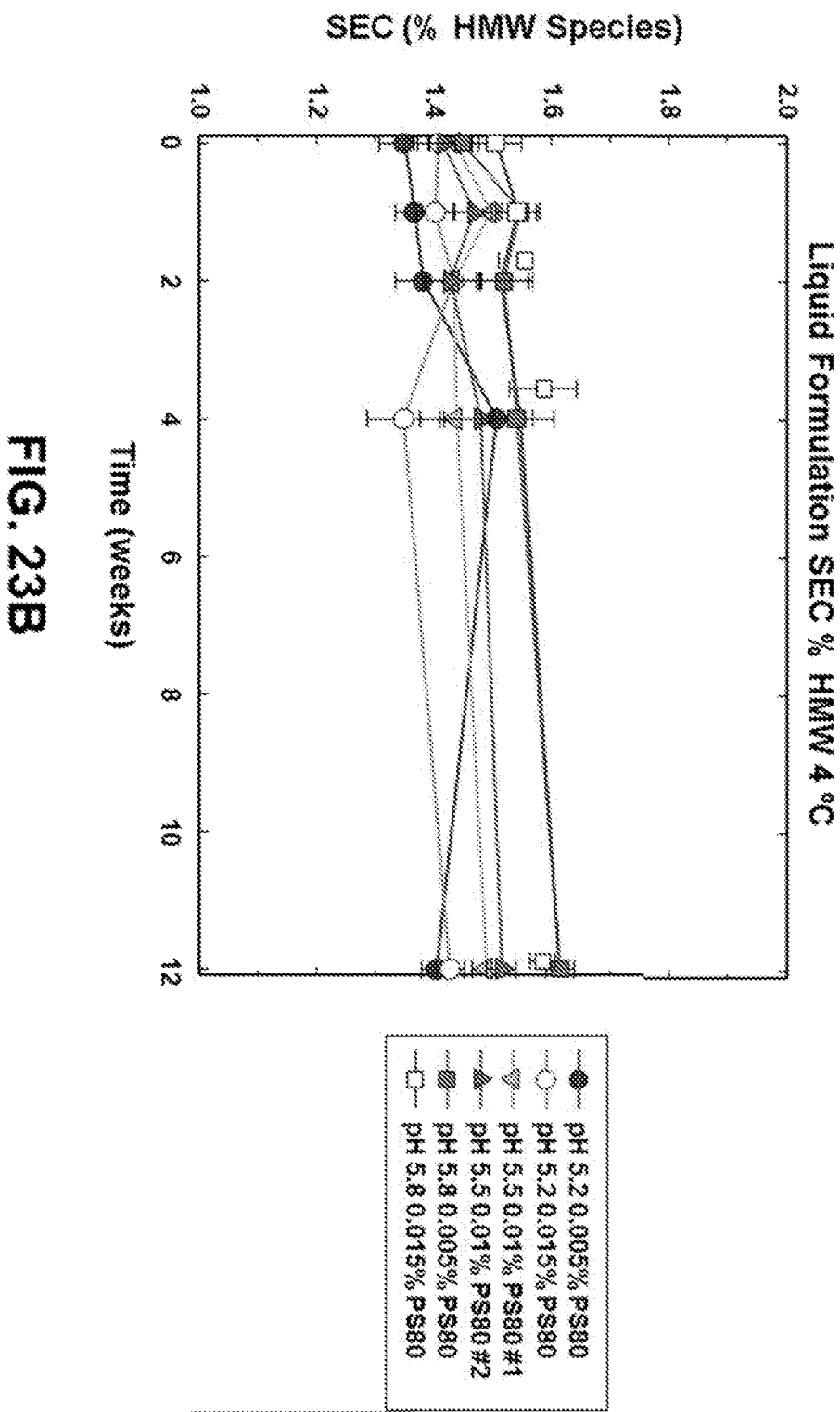


FIG. 23A



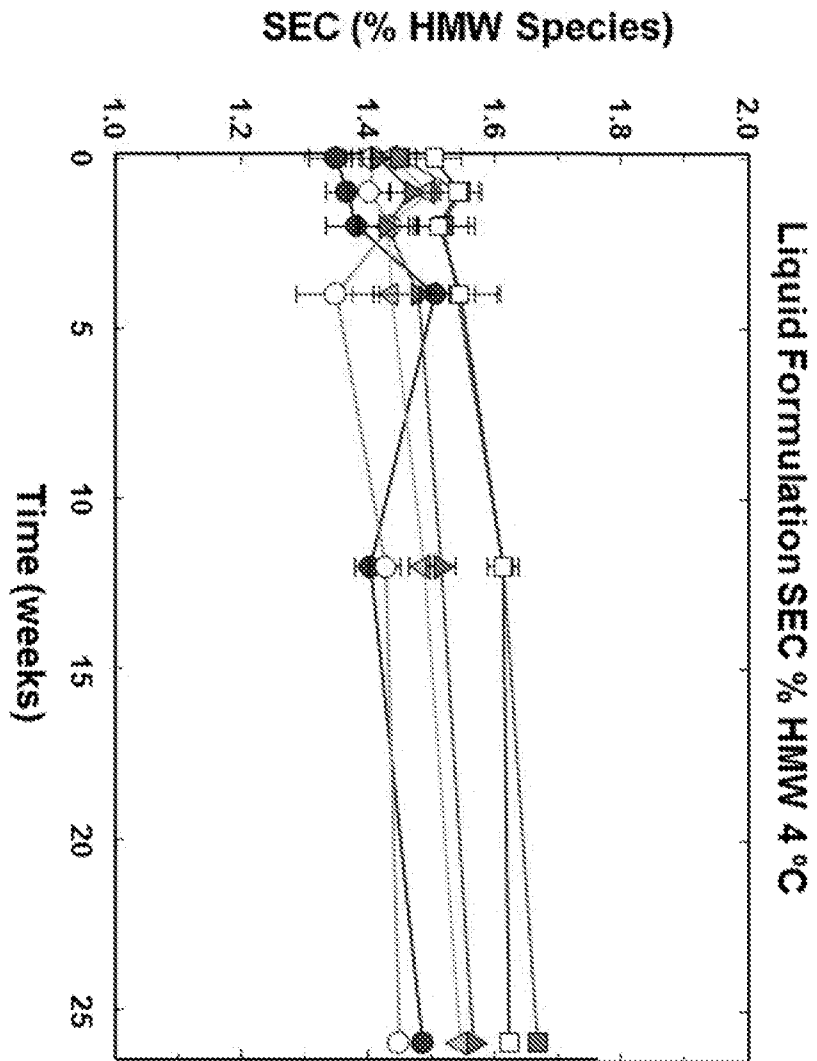
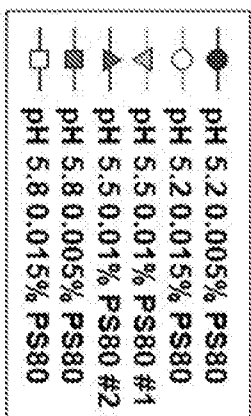


FIG. 23C



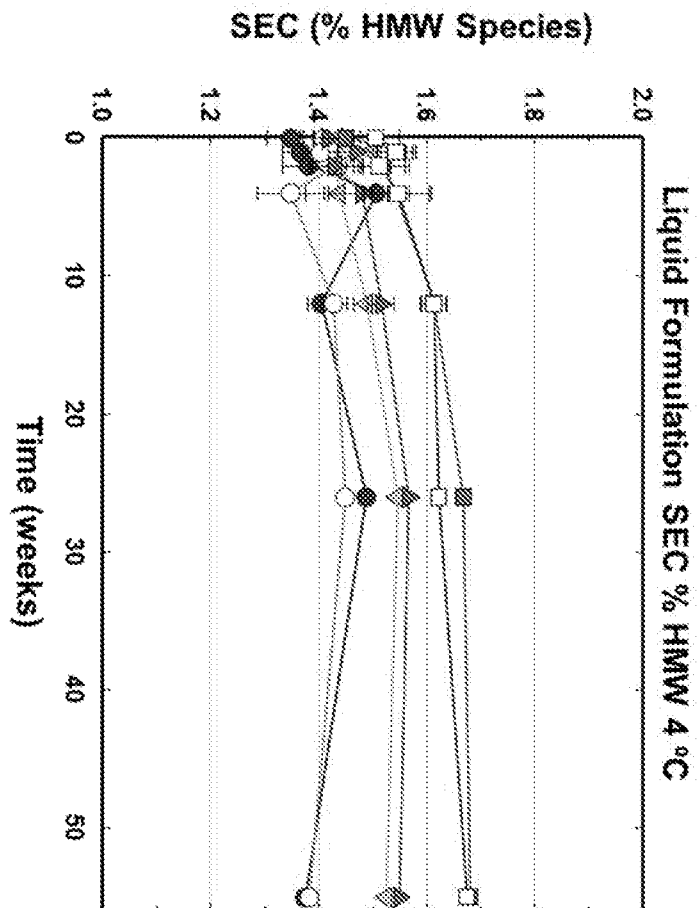
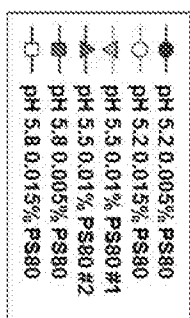


FIG. 23D



12 Weeks 25 °C 0.005% (w/v) PS-80 Samples

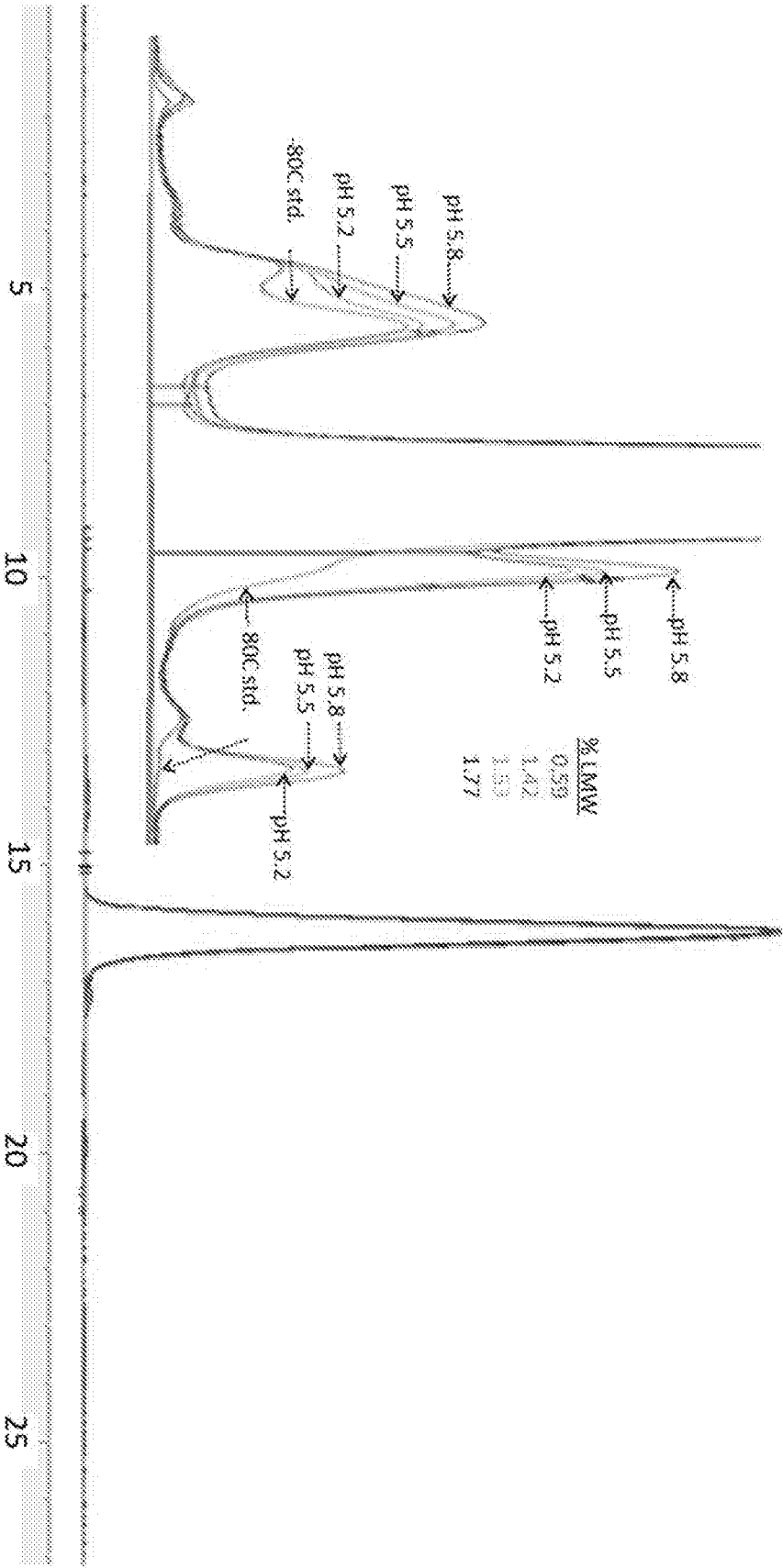


FIG. 24A

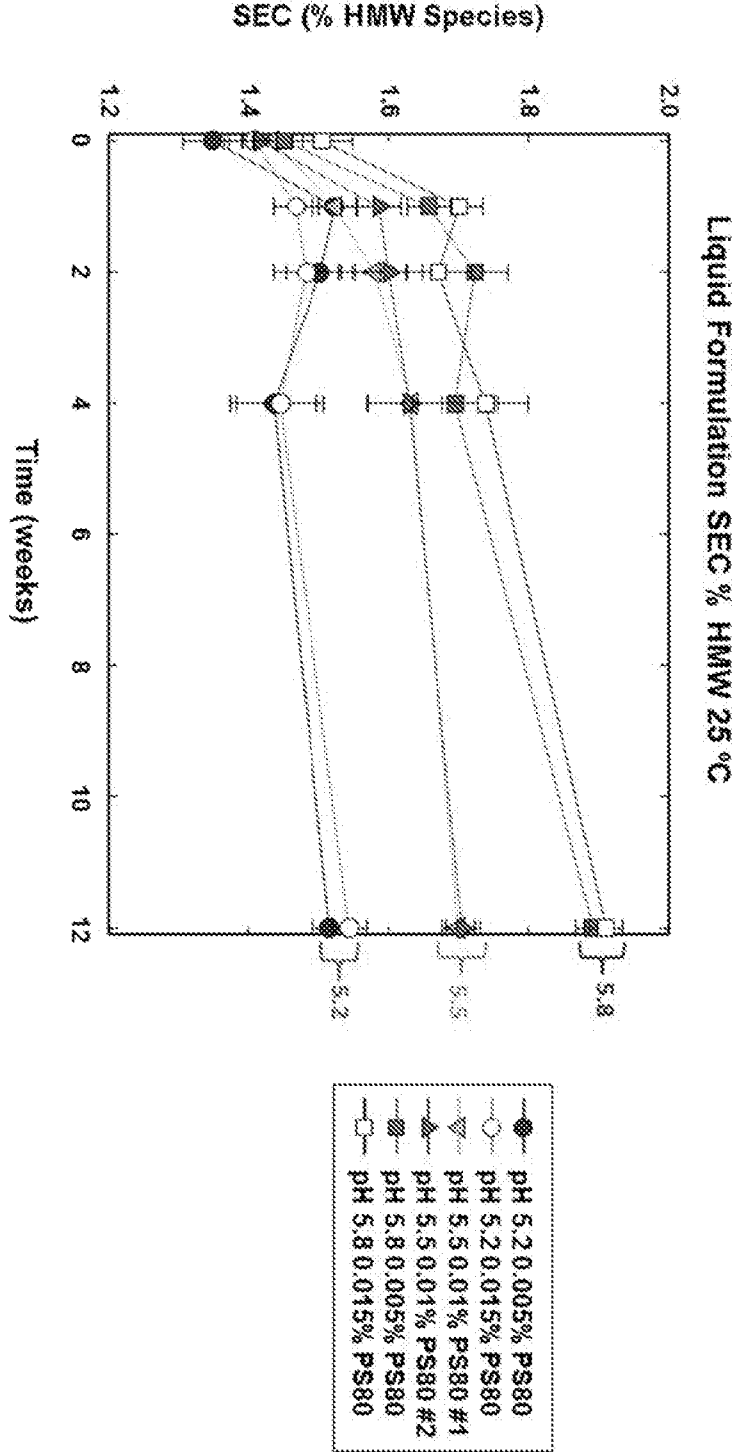


FIG. 24B

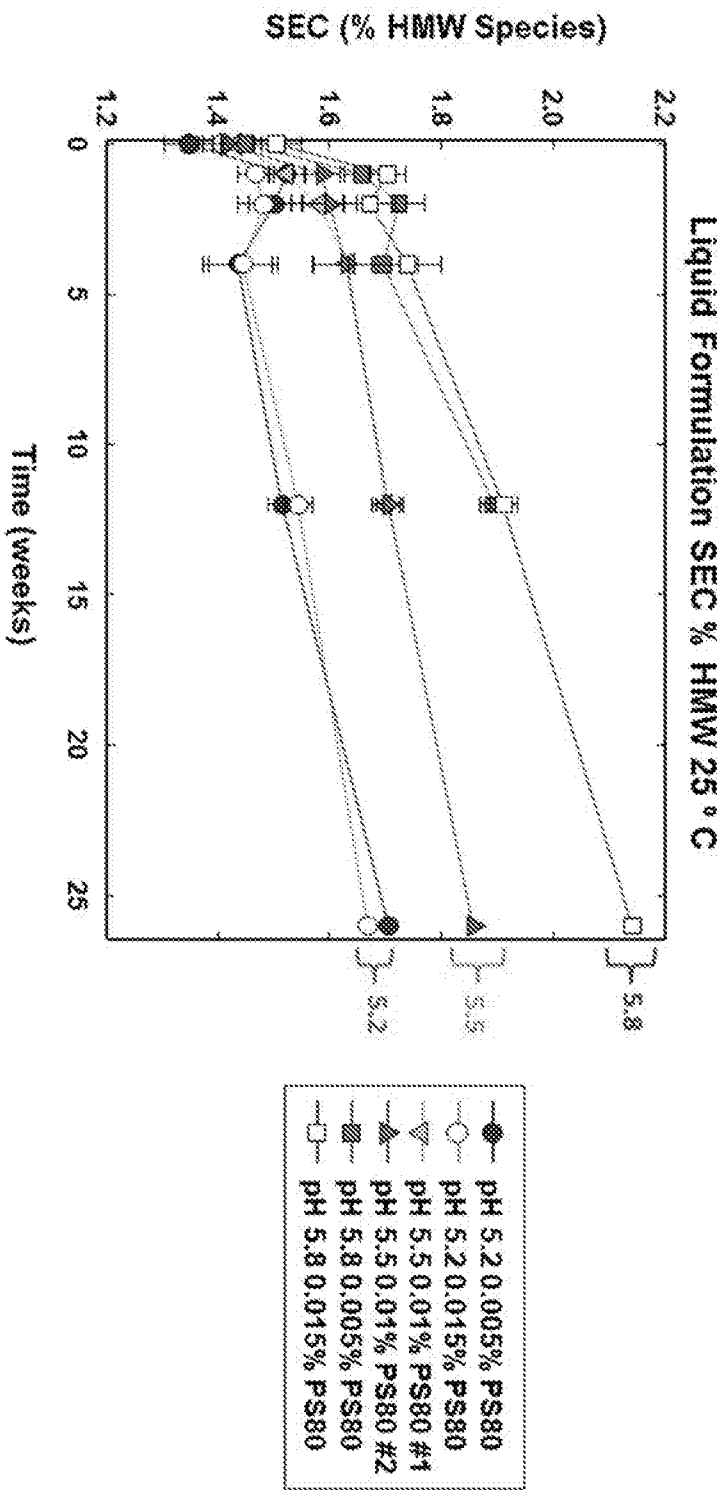


FIG. 24C

4 Weeks 40 °C 0.005% (w/v) PS-80 Samples

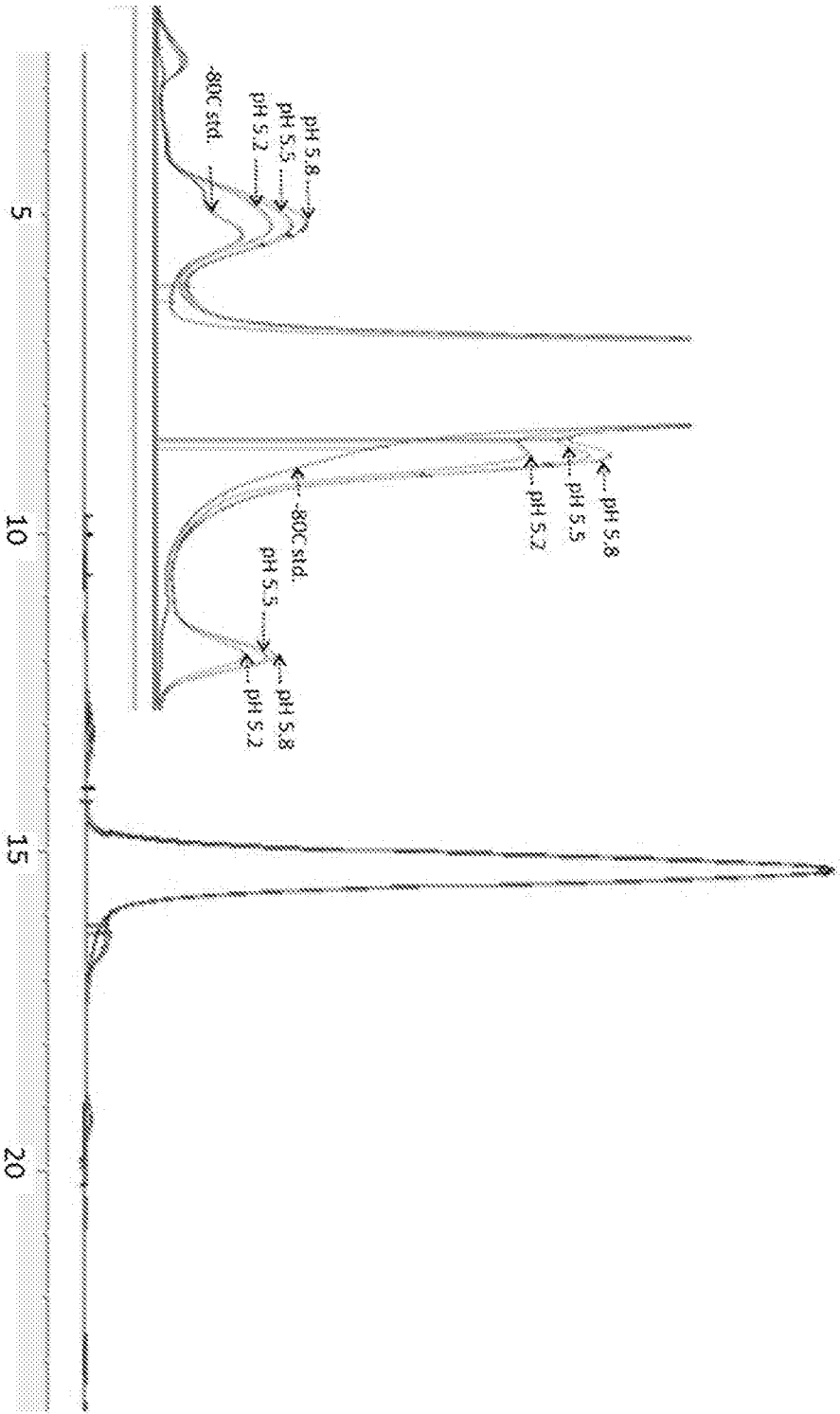


FIG. 25A

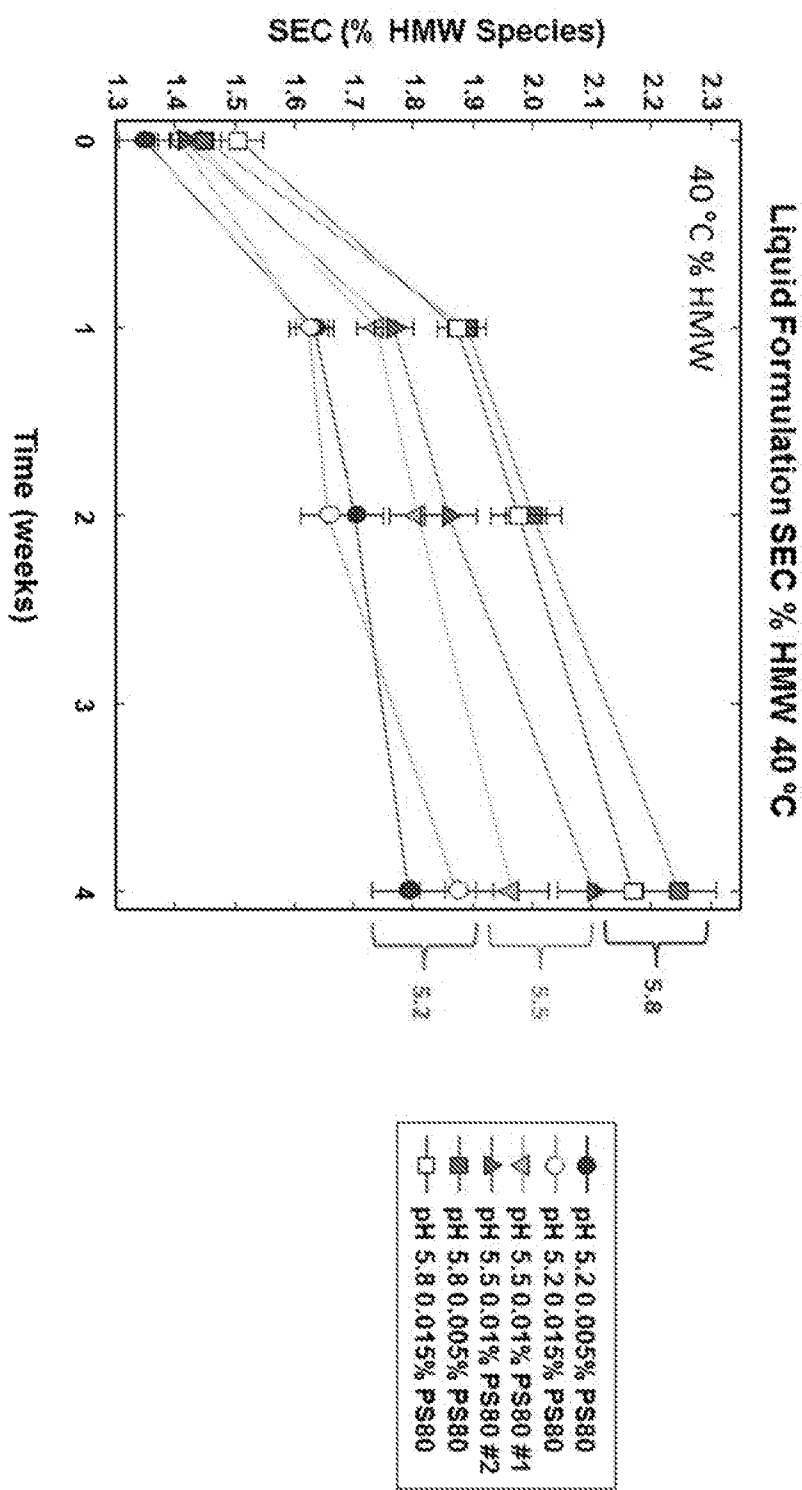


FIG. 25B

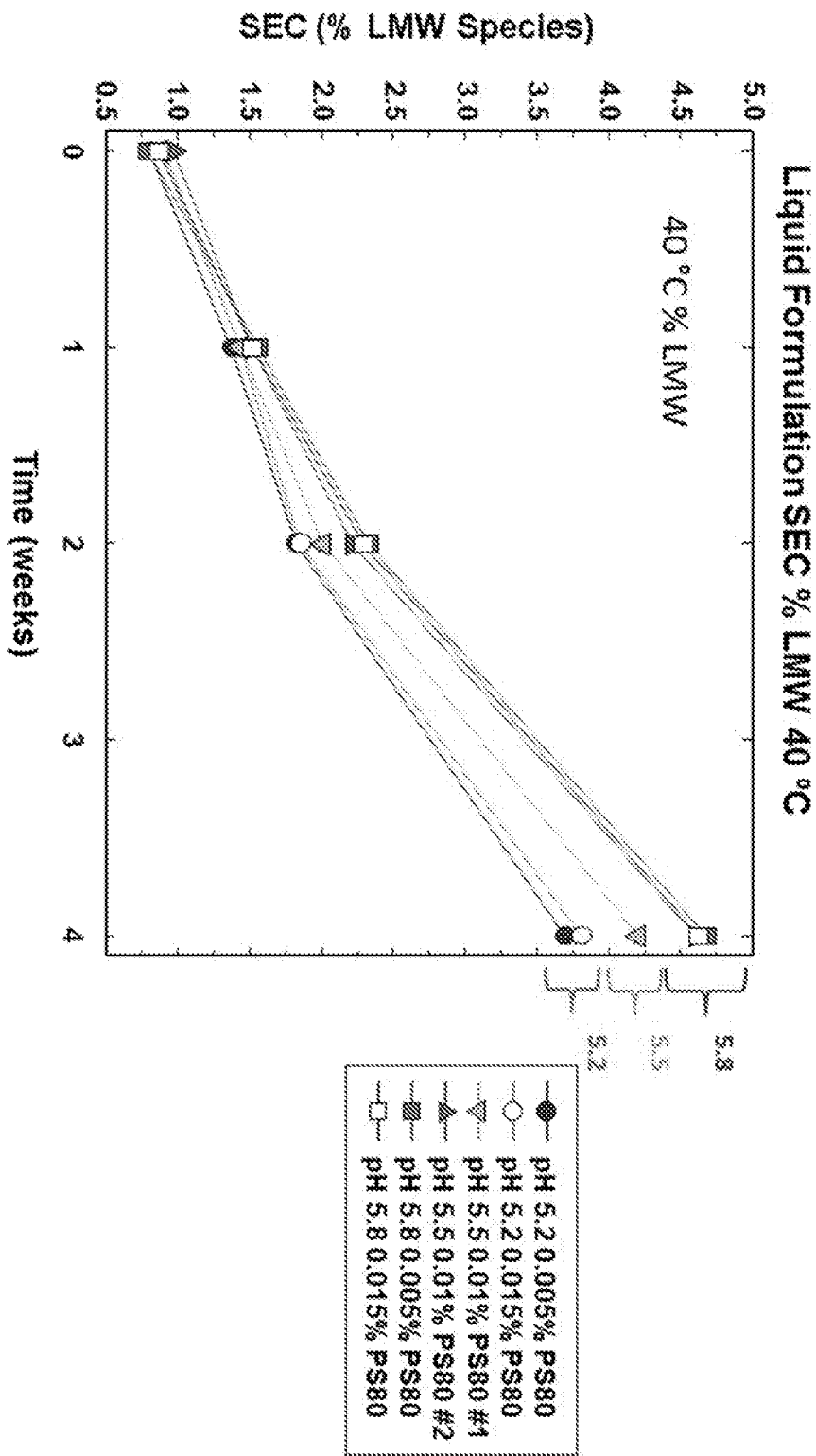


FIG. 25C

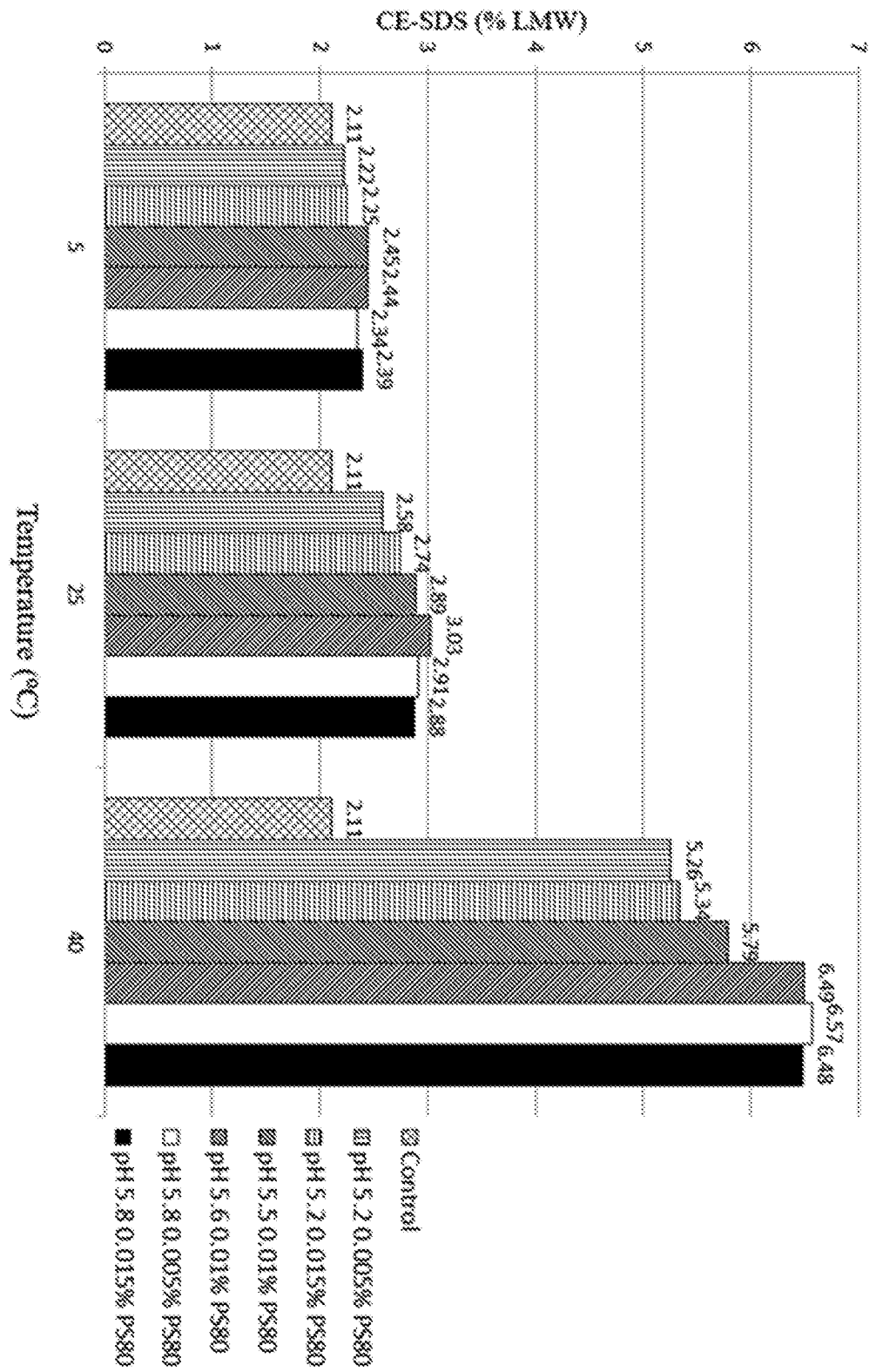


FIG. 26

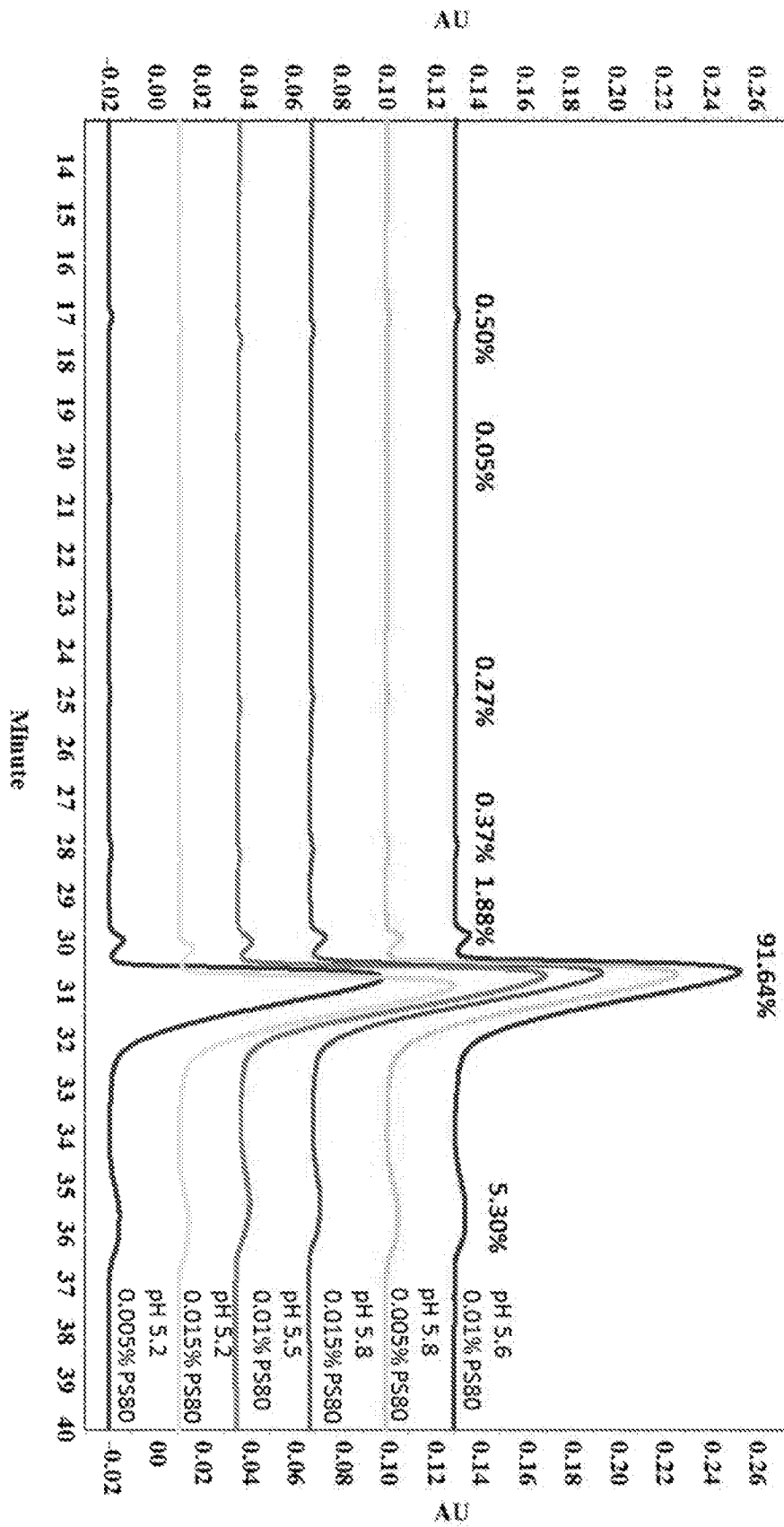


FIG. 27

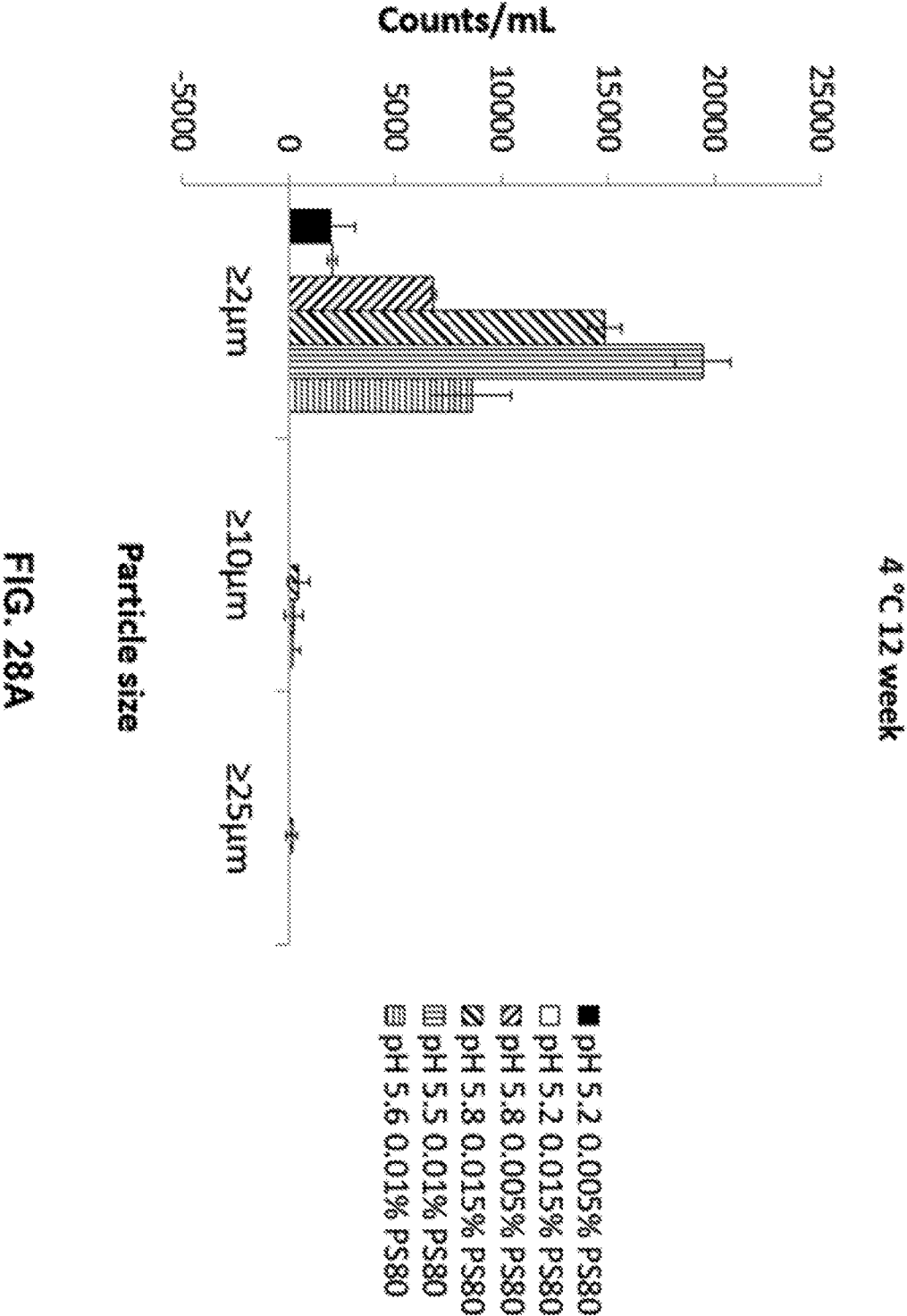


FIG. 28A

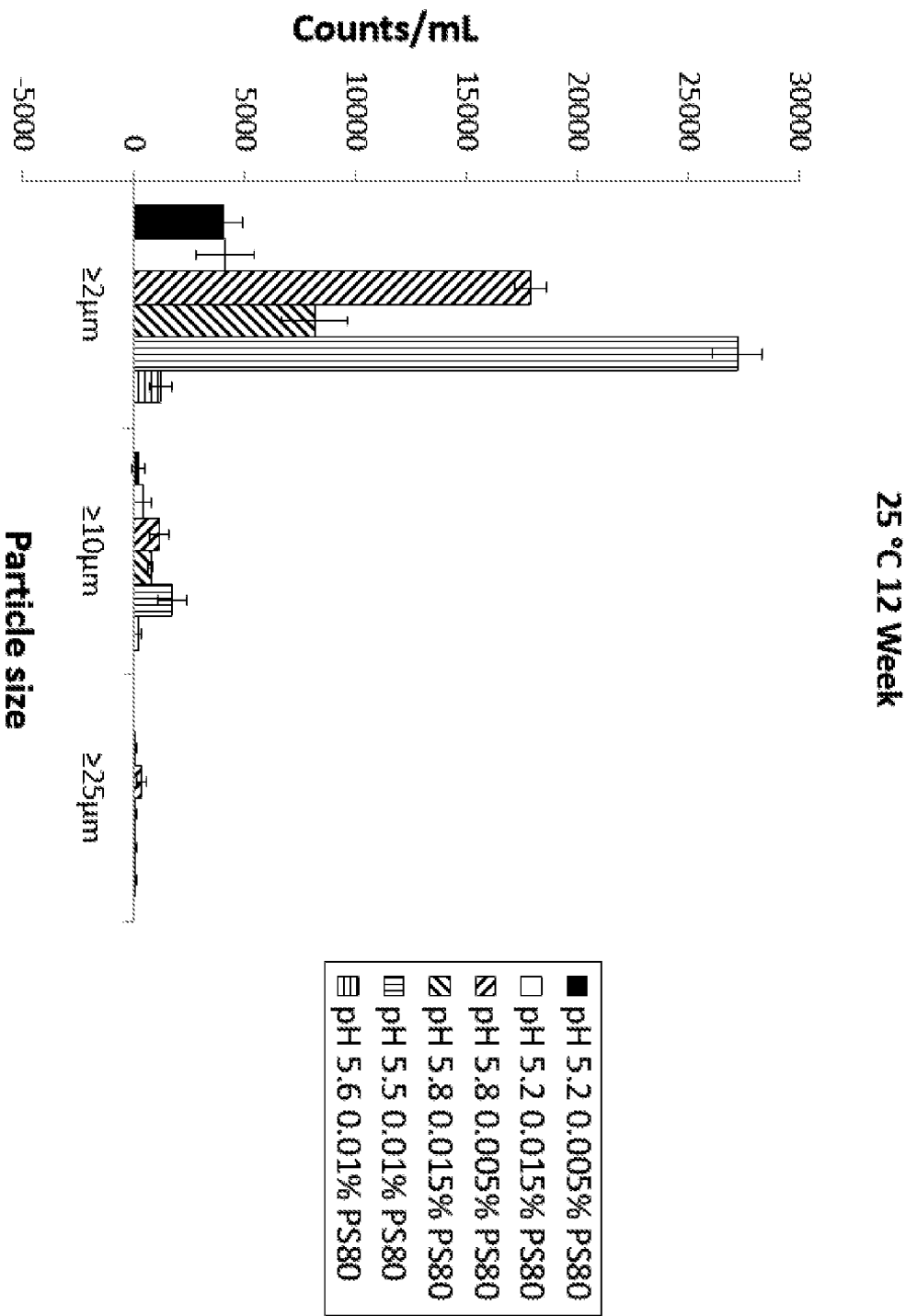


FIG. 28B

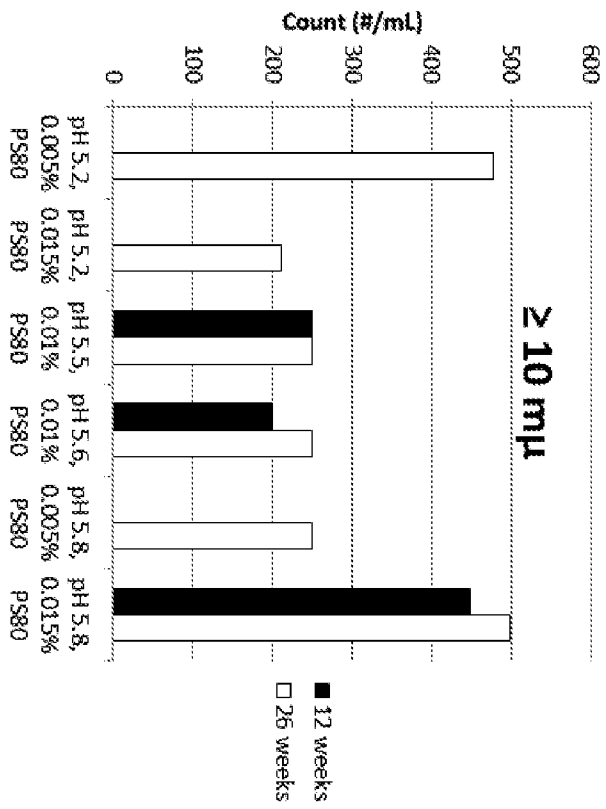
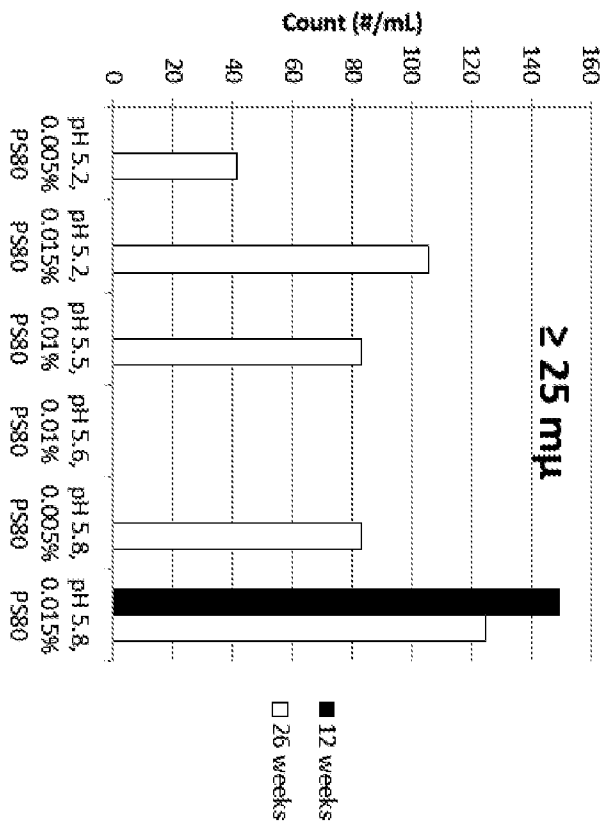


FIG. 29

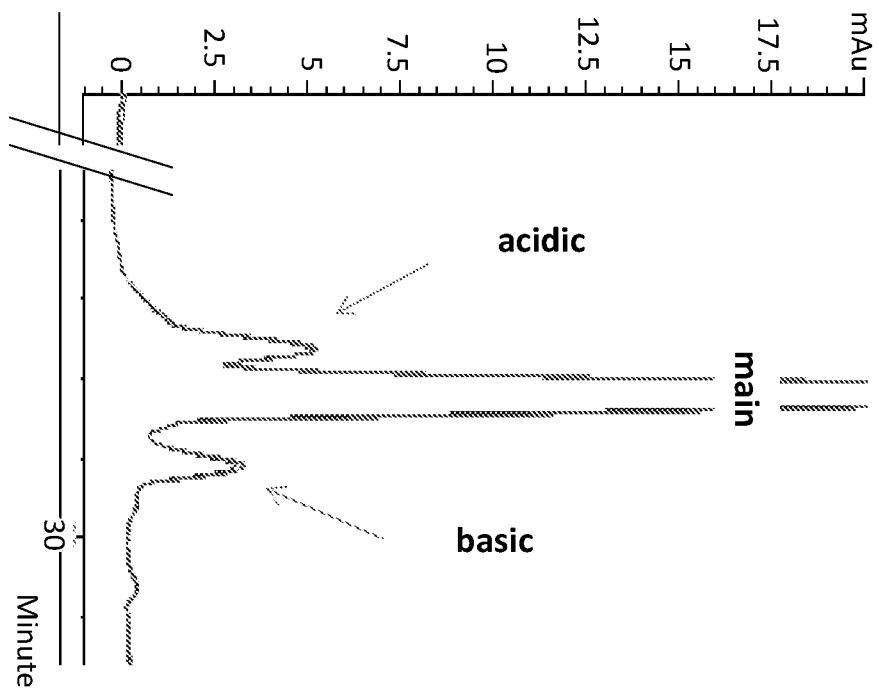


FIG. 30A

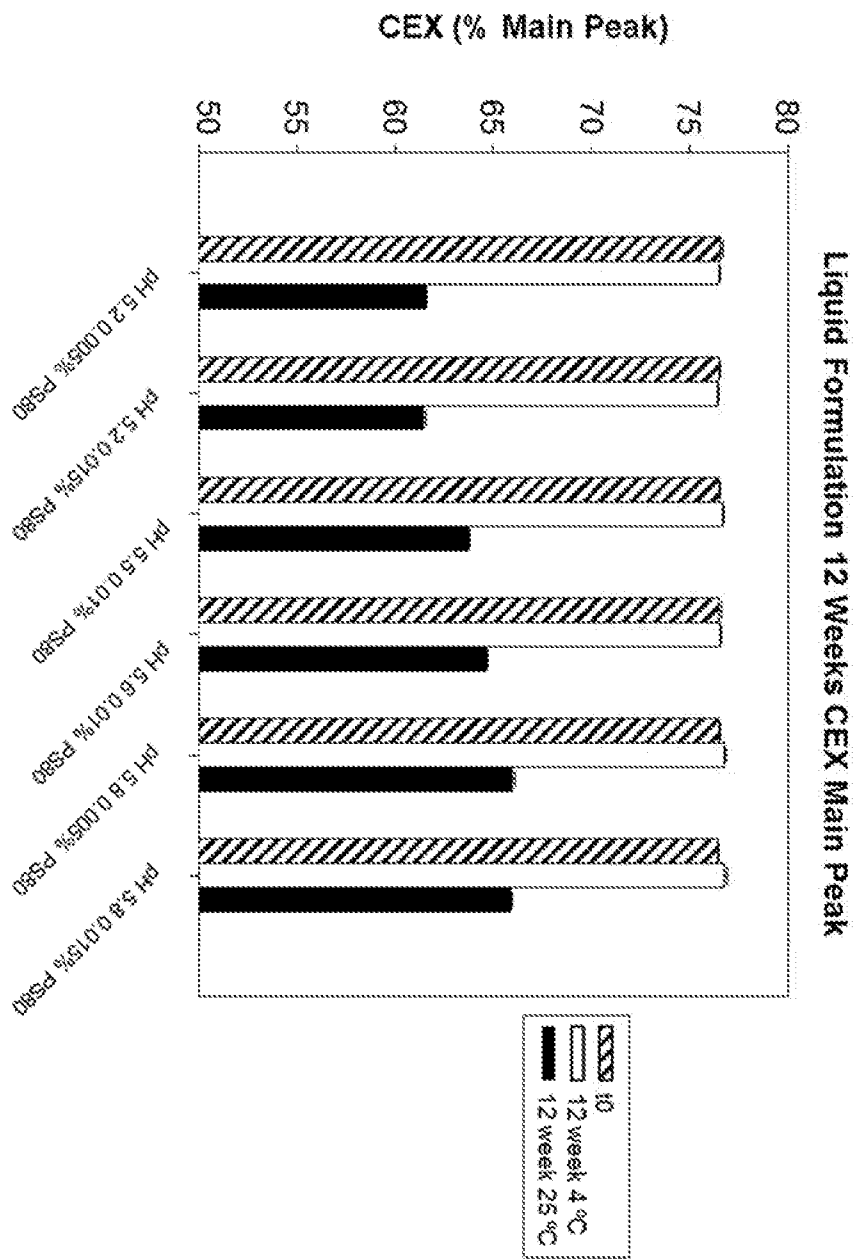
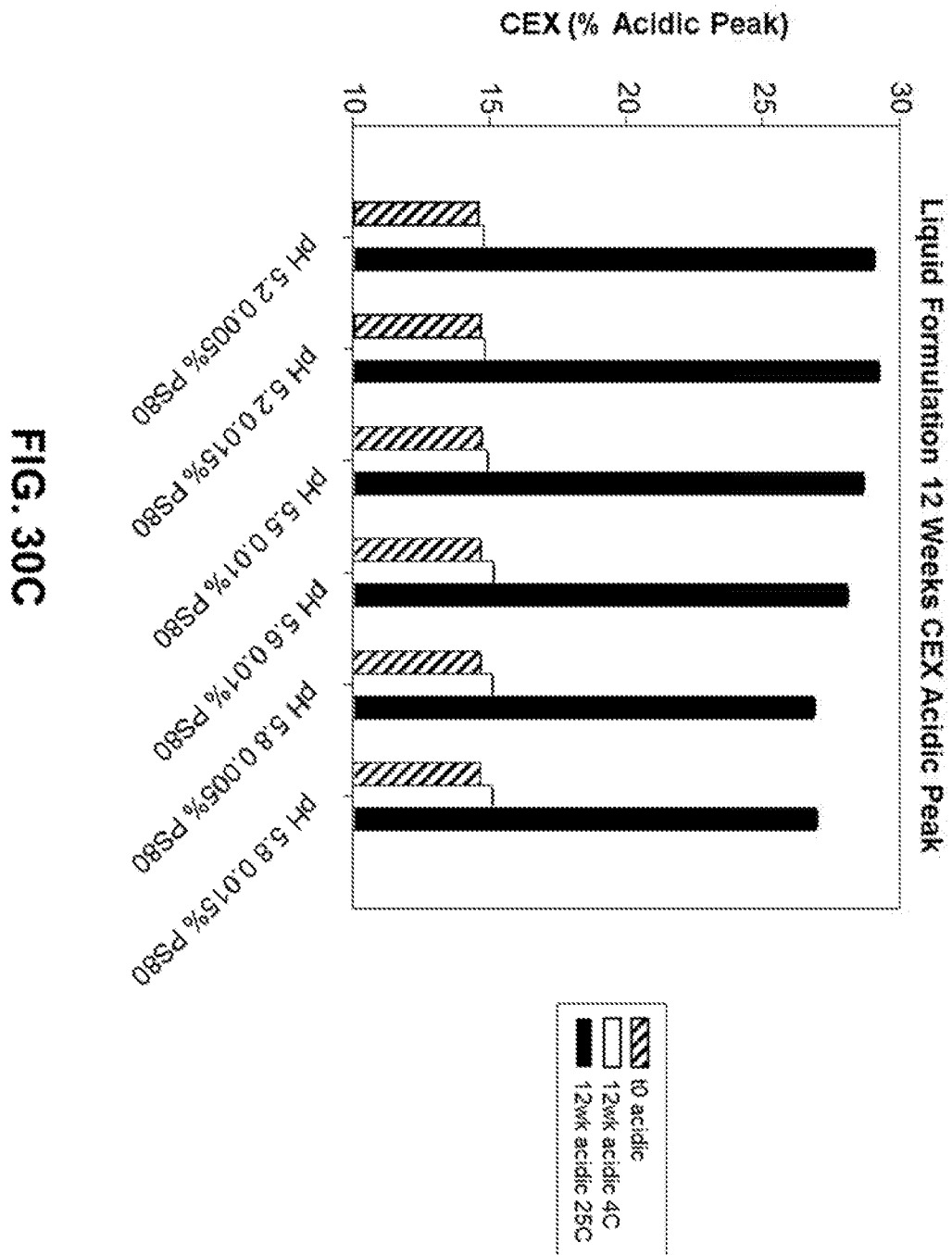
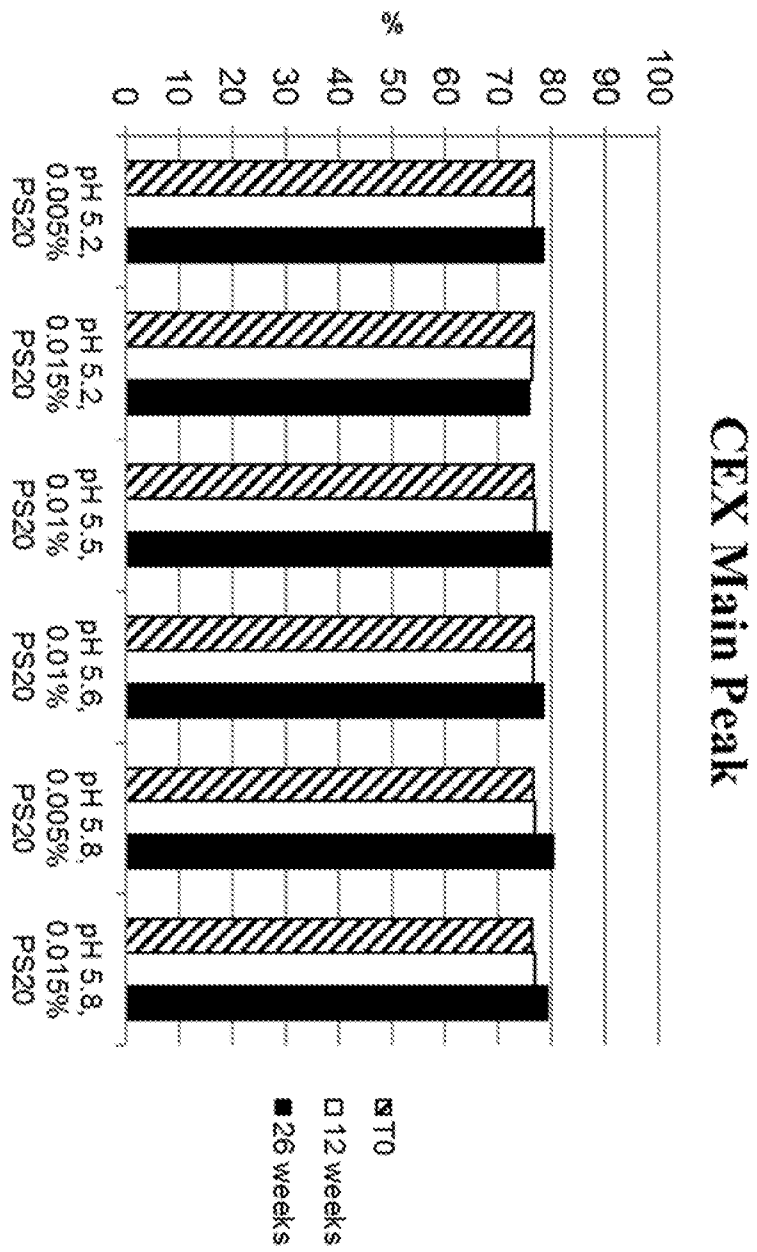


FIG. 30B



**FIG. 31**

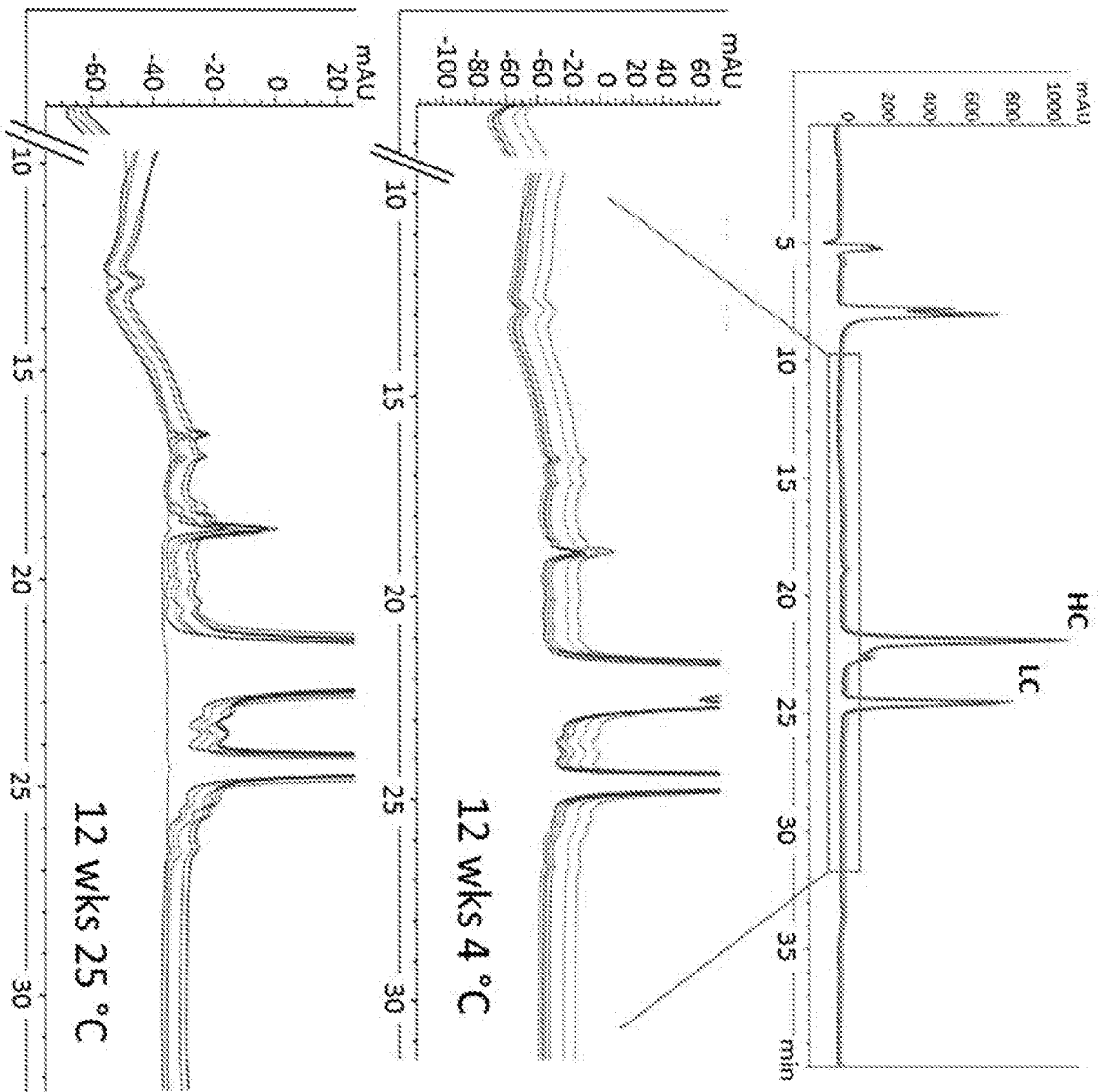


FIG. 32

Representative on/off rates

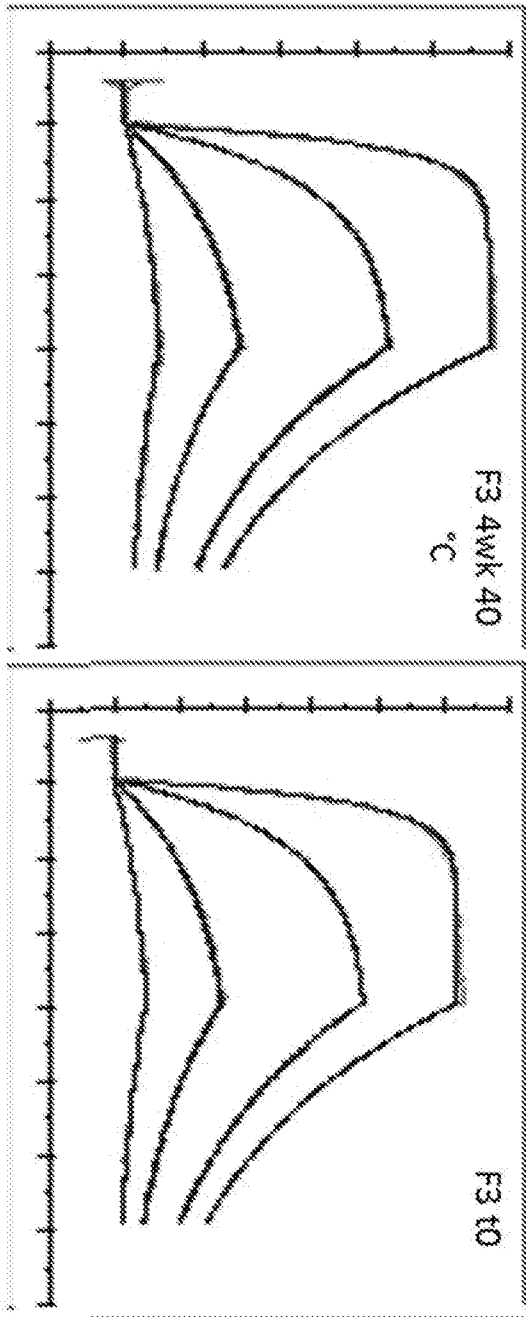
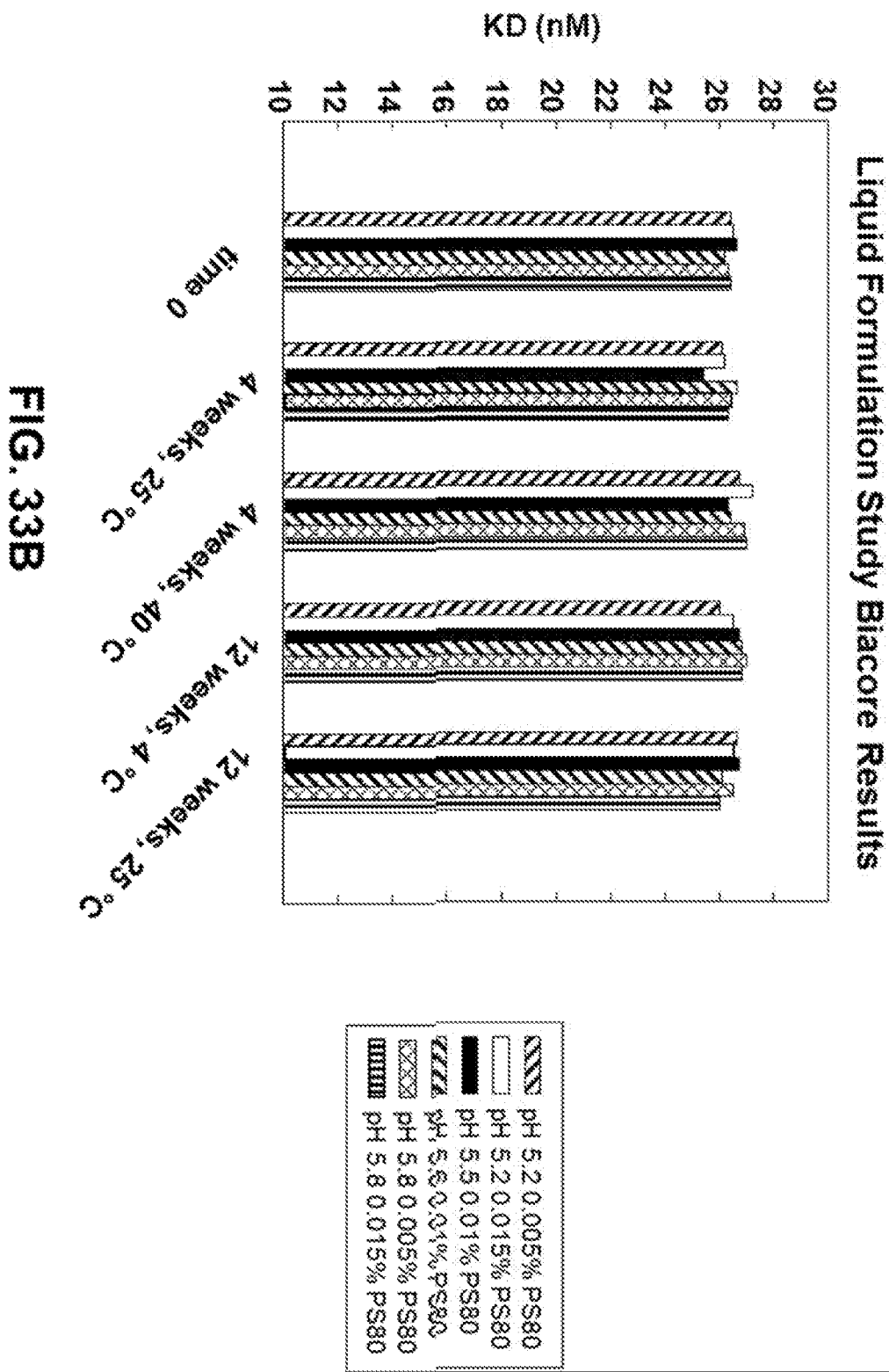


FIG. 33A



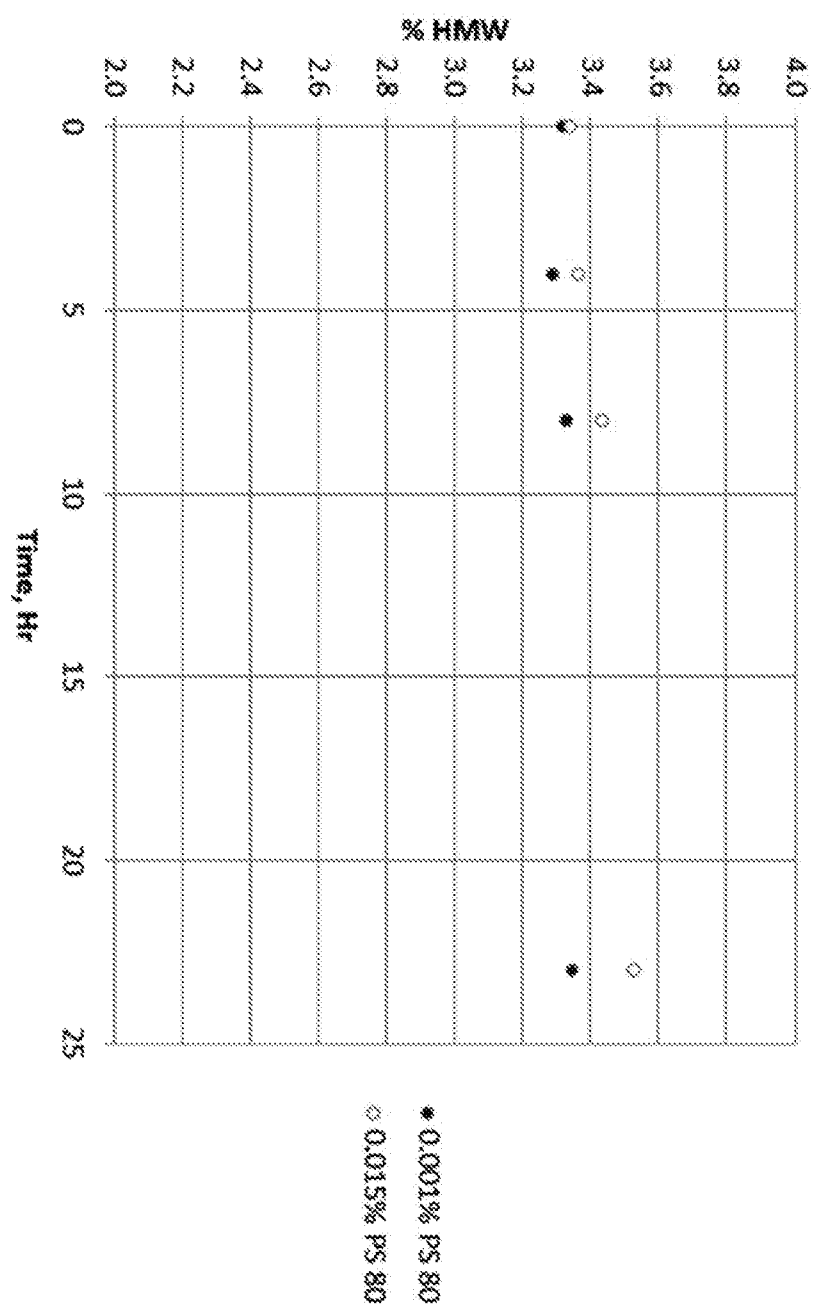


FIG. 34A

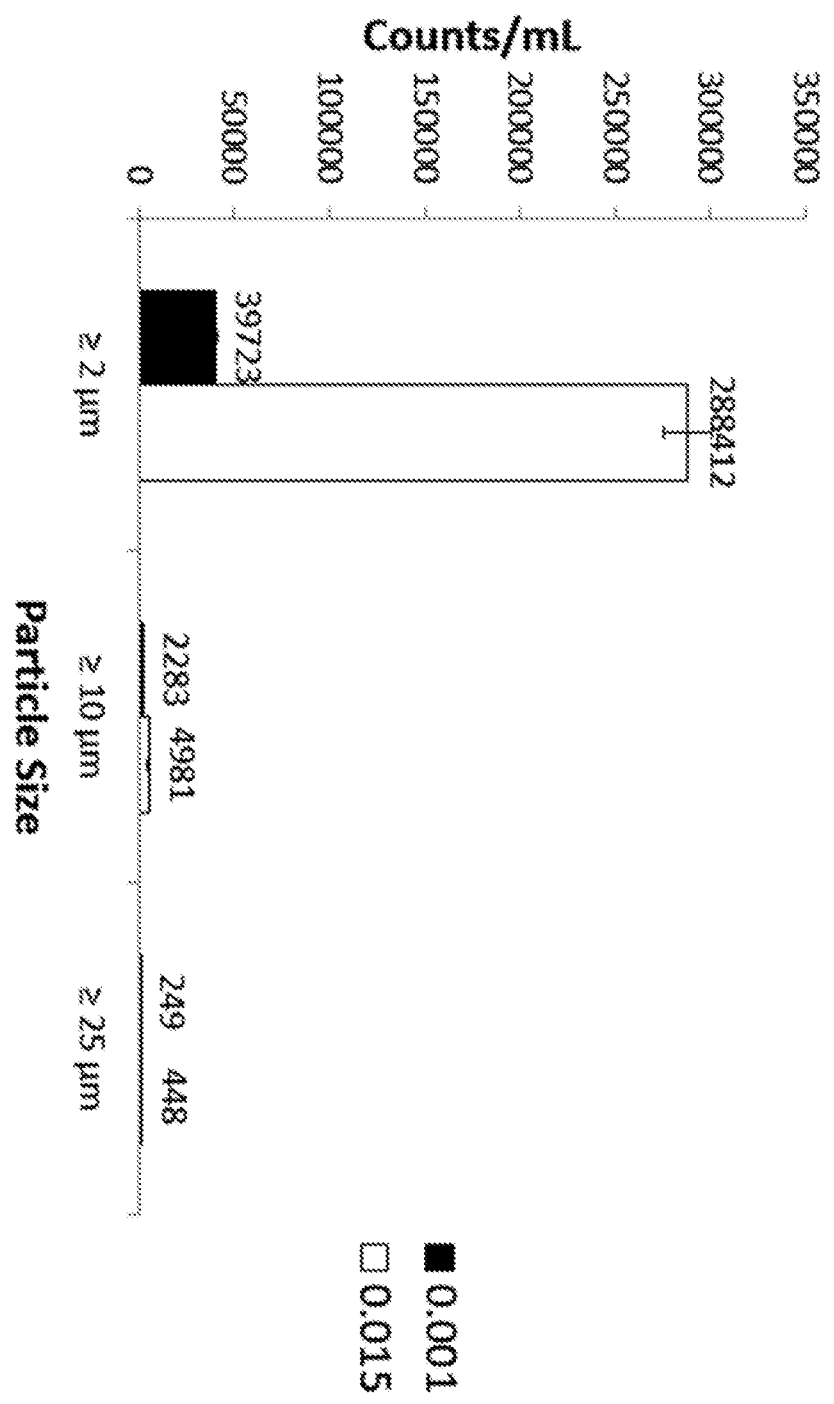


FIG. 34B

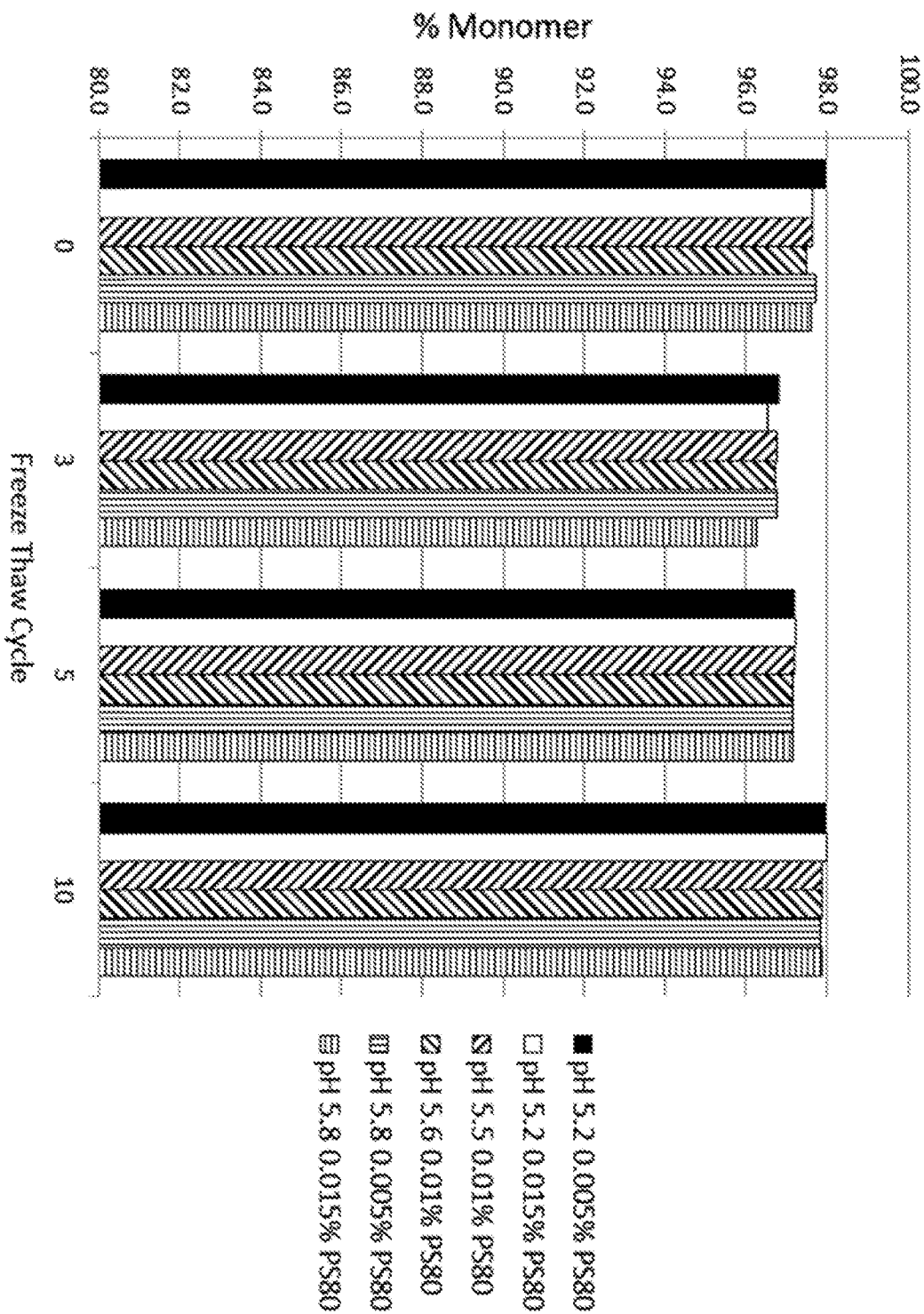
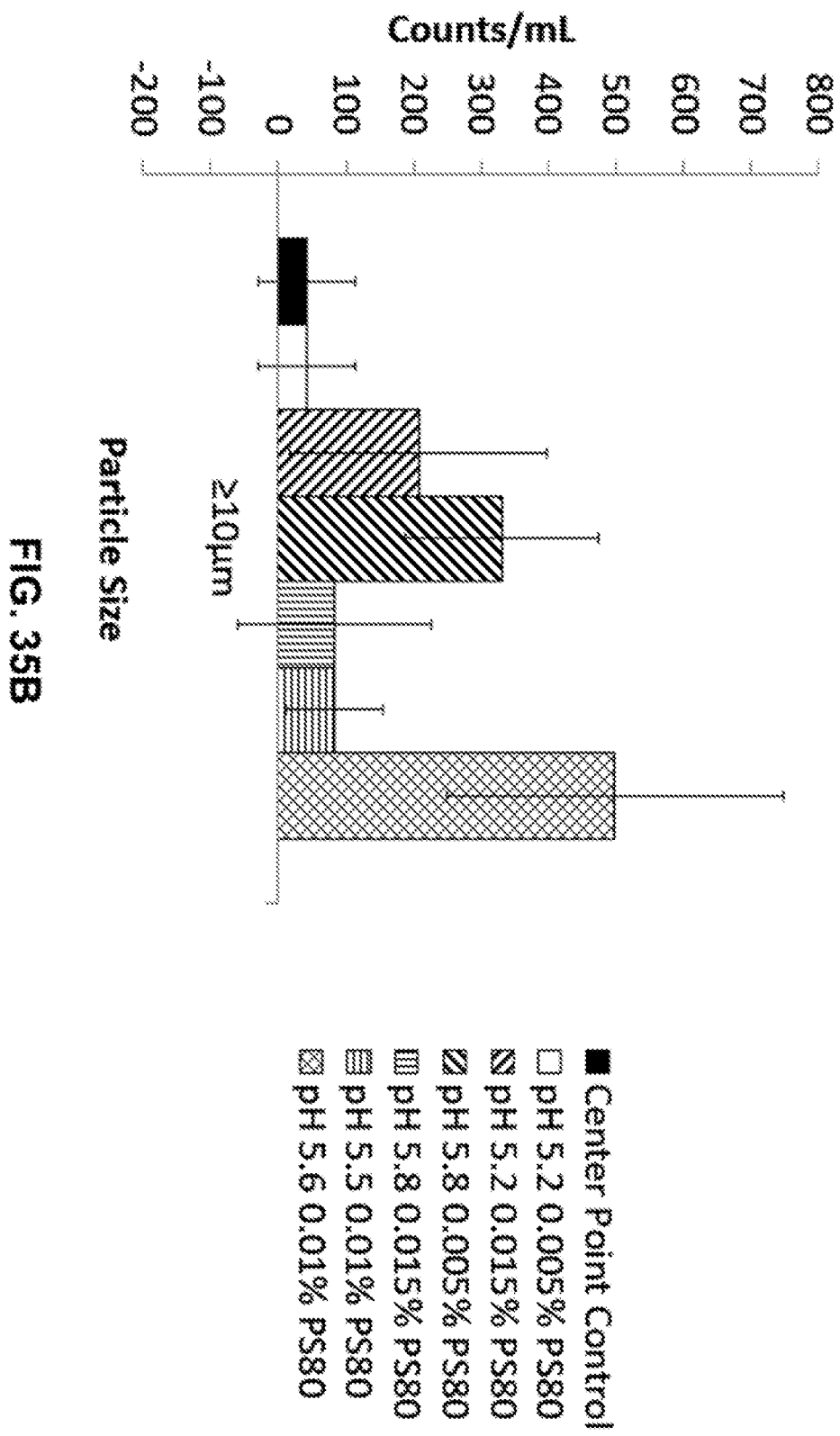


FIG. 35A



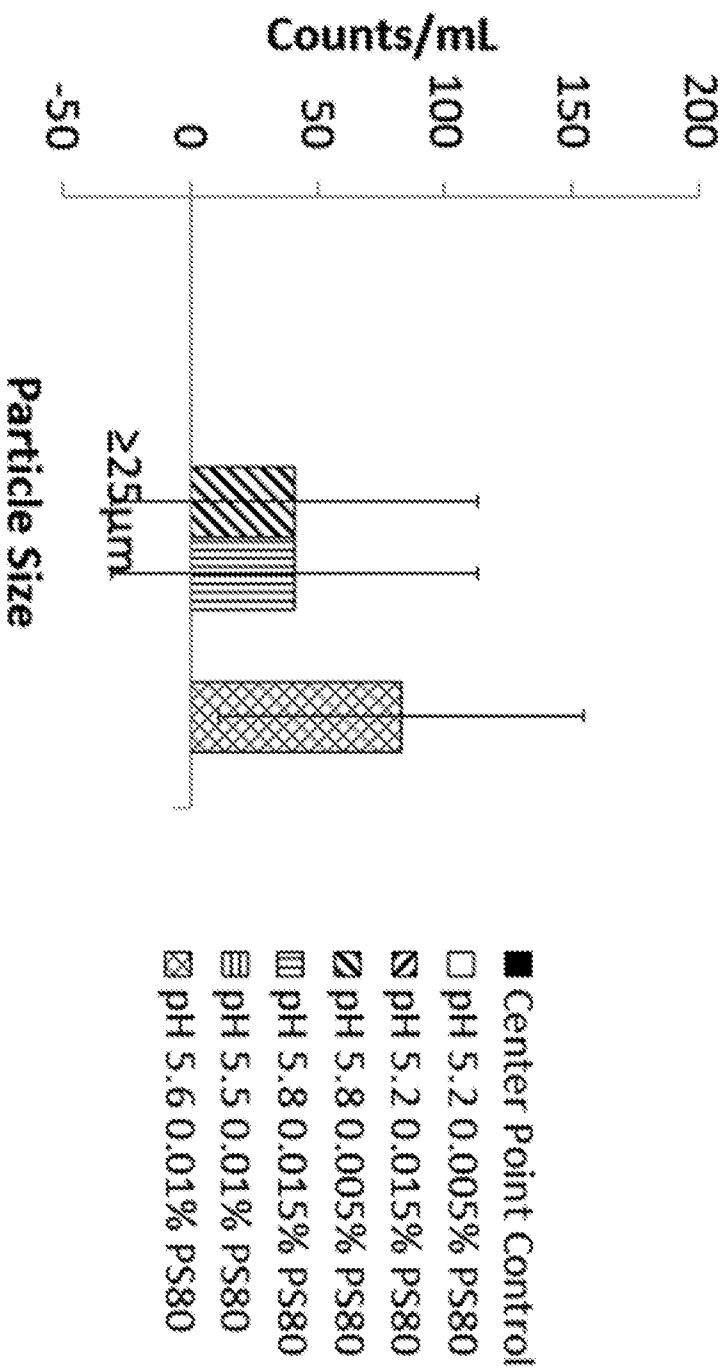


FIG. 35C