

Factor IX Ag level-ELISA (harvest)

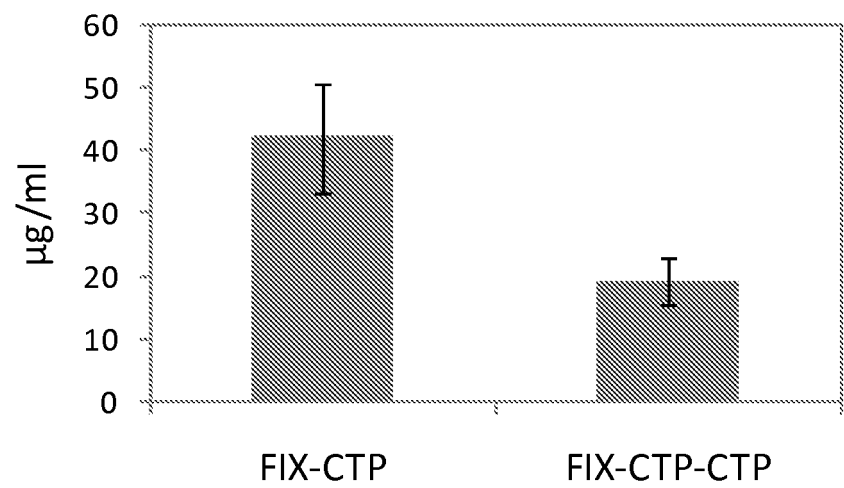


FIGURE 1A

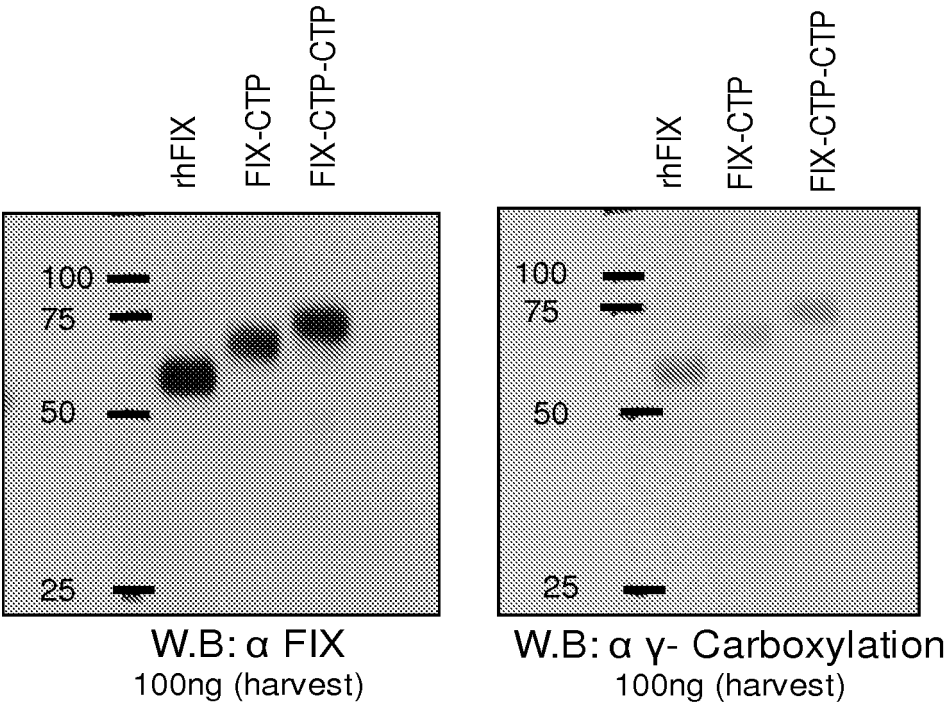


FIGURE 1B

FIGURE 1C

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Factor IX Chromogenic activity (harvests)

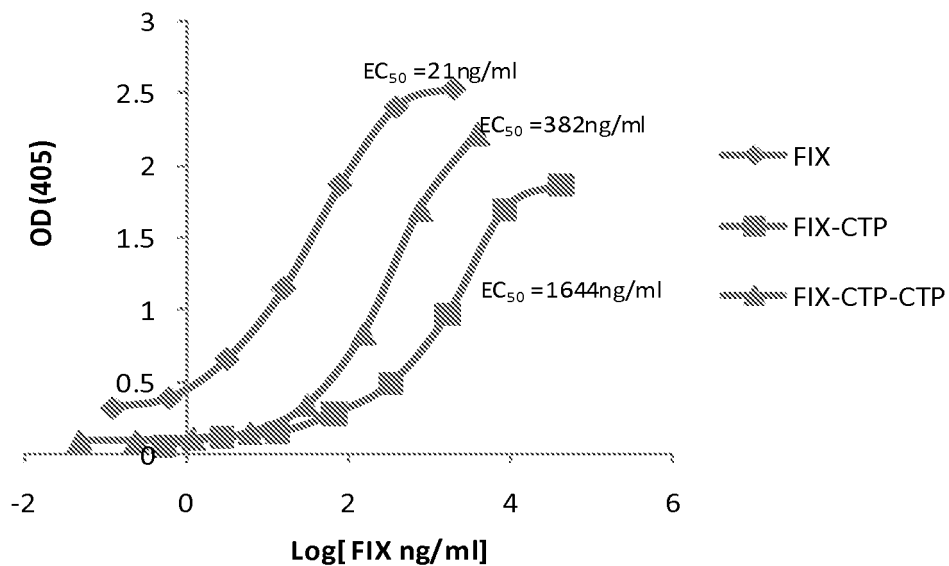


FIGURE 2

Recombinant FIX- PK profile

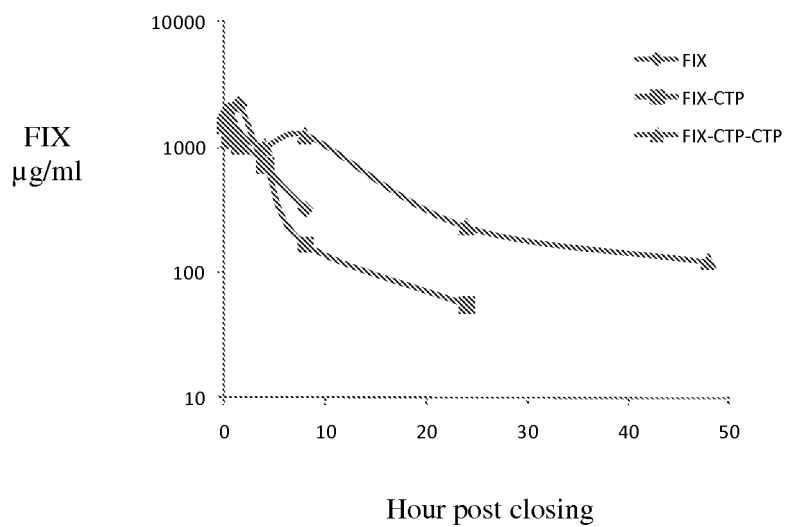


FIGURE 3

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FIX antigen level

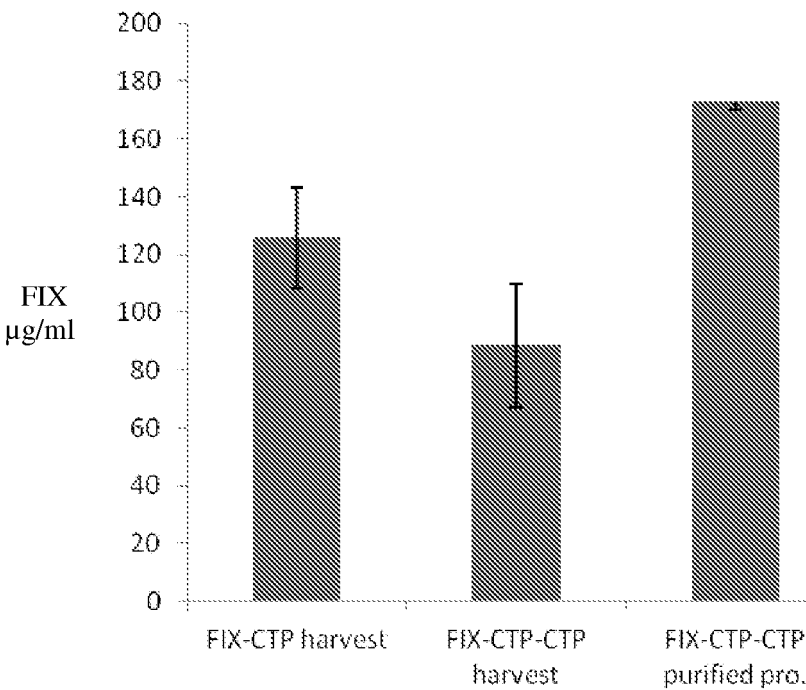
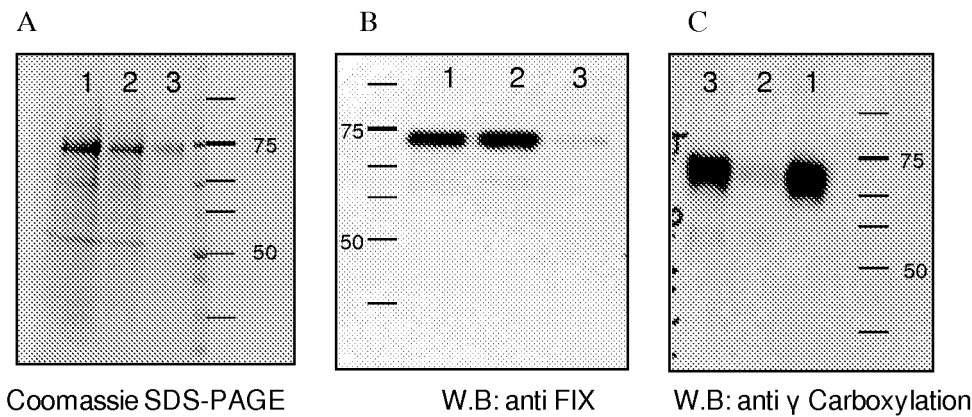


FIGURE 4



Coomassie SDS-PAGE

W.B: anti FIX

W.B: anti γ Carboxylation

FIGURE 5A

FIGURE 5C

1- FIX-(CTP)₂ Harvest
2- Unbound
3- Conc. elution (MOD3012)

FIGURE 5B

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Factor IX Chromogenic activity

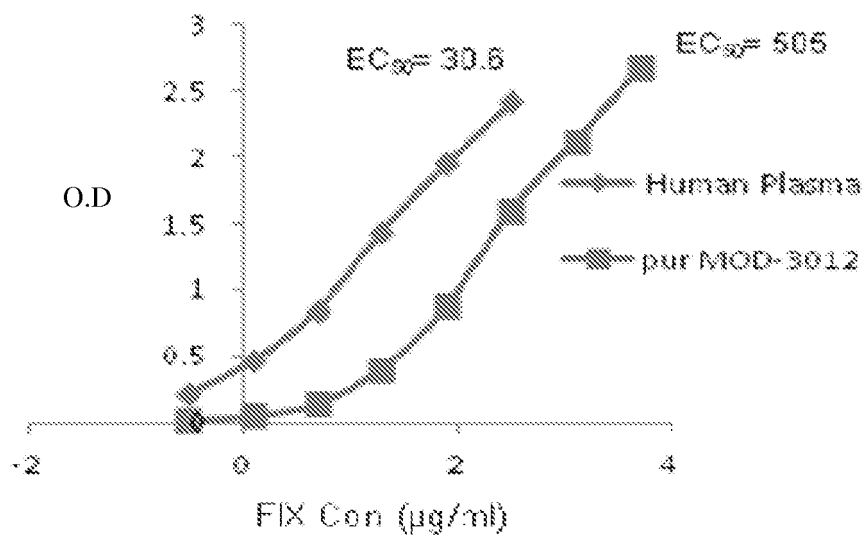


FIGURE 6

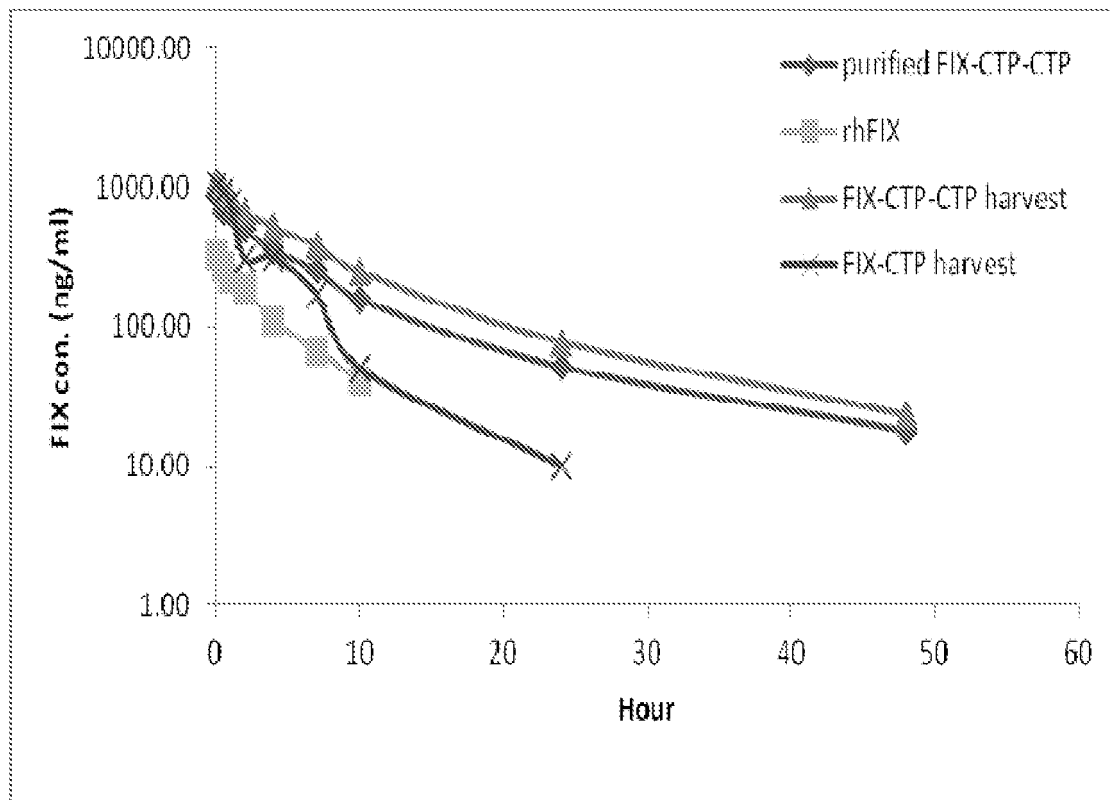


FIGURE 7

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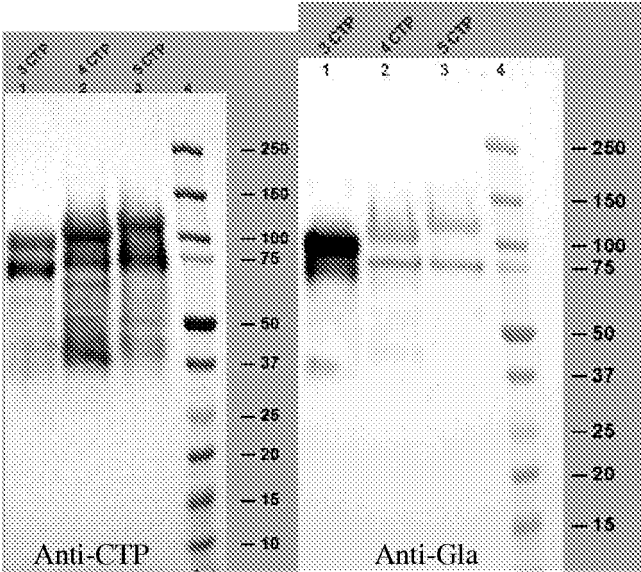


FIGURE 8A

FIGURE 8B

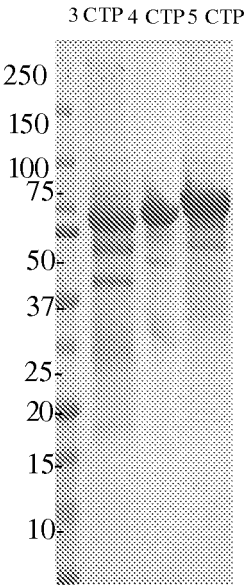


FIGURE 9

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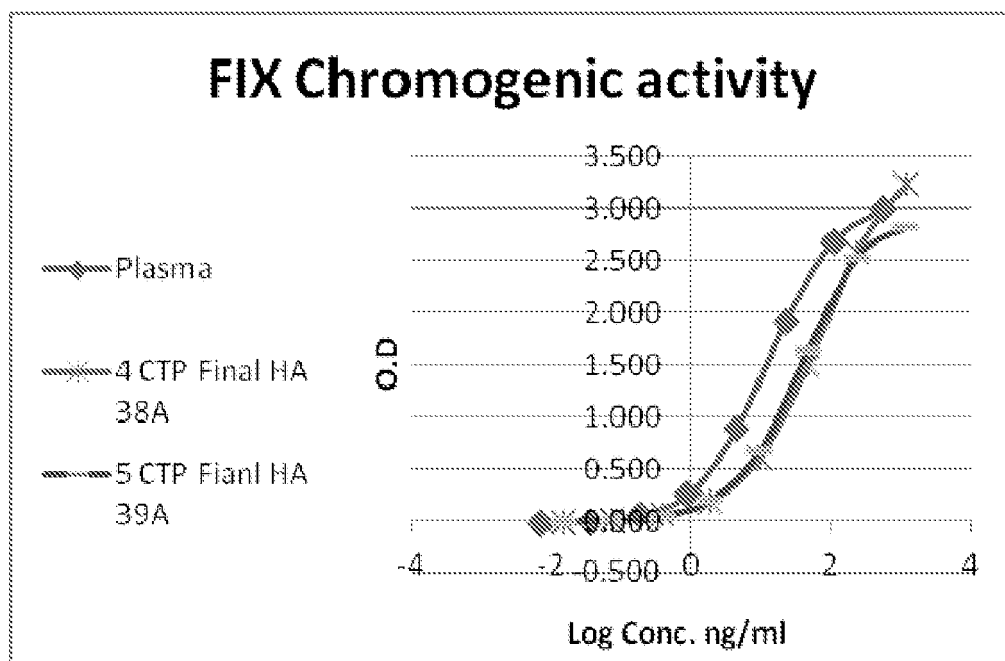


FIGURE 10

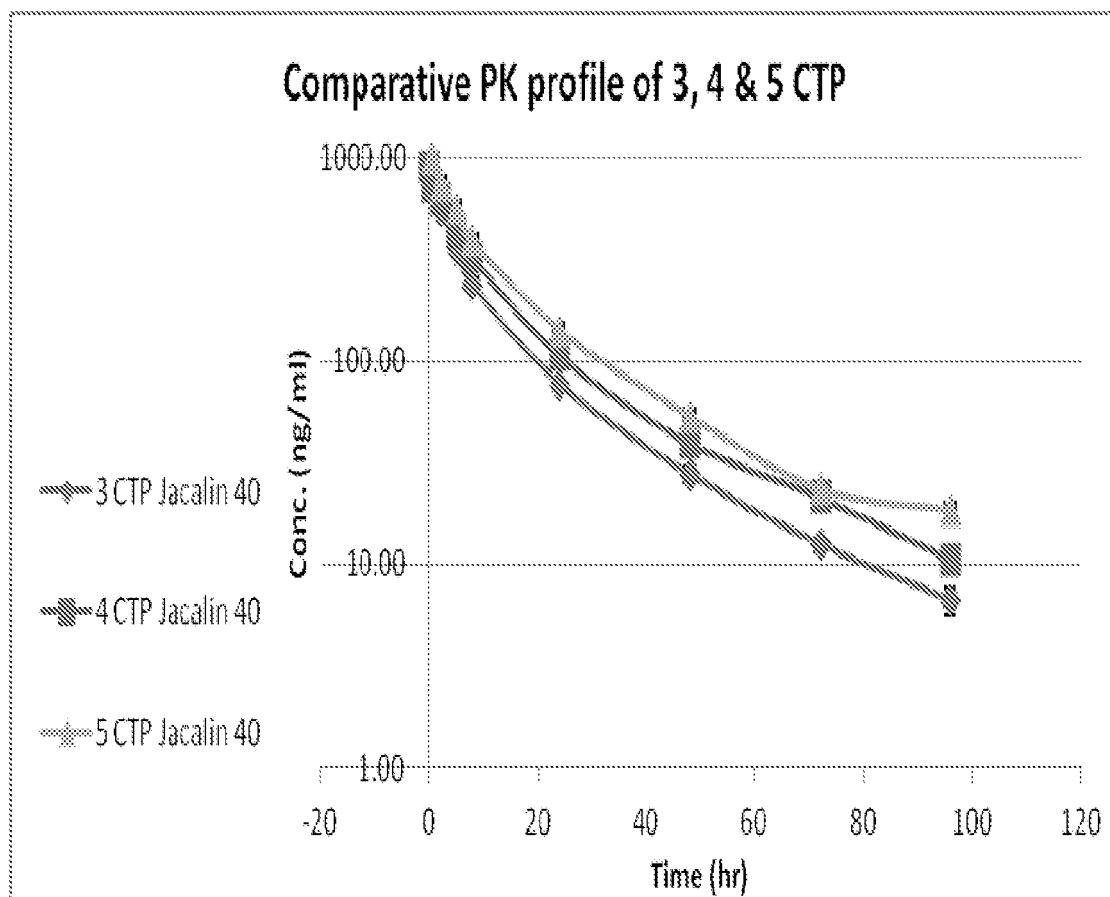


FIGURE 11

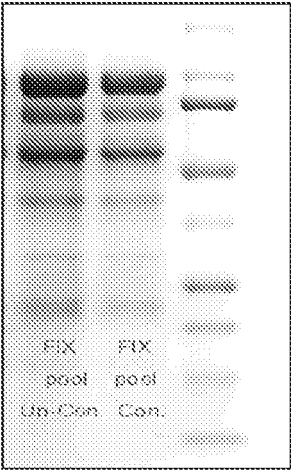


FIGURE 12A

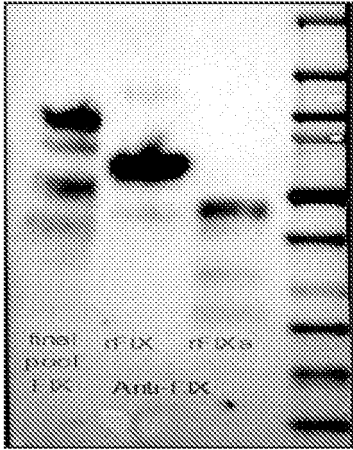


FIGURE 12B

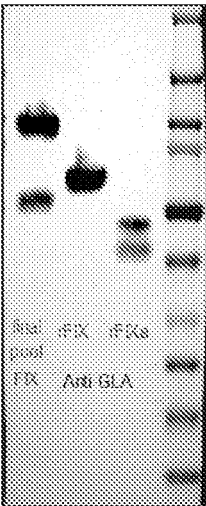


FIGURE 12C

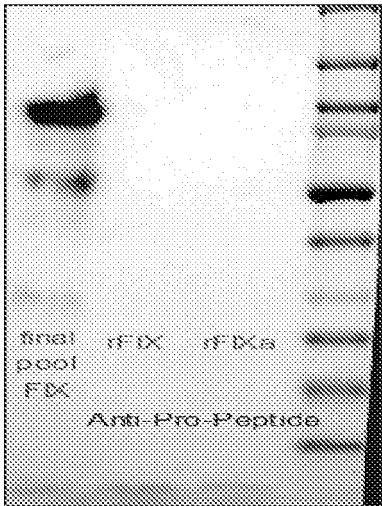


FIGURE 12D

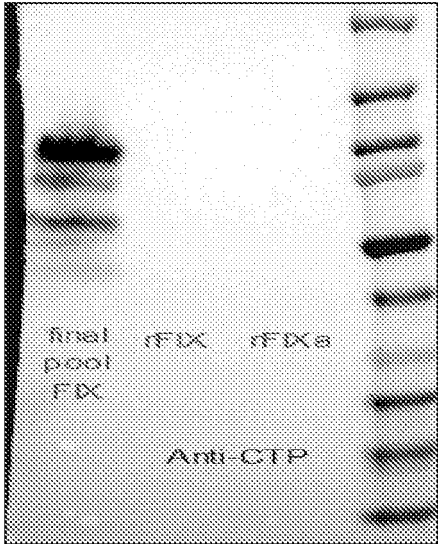


FIGURE 12E

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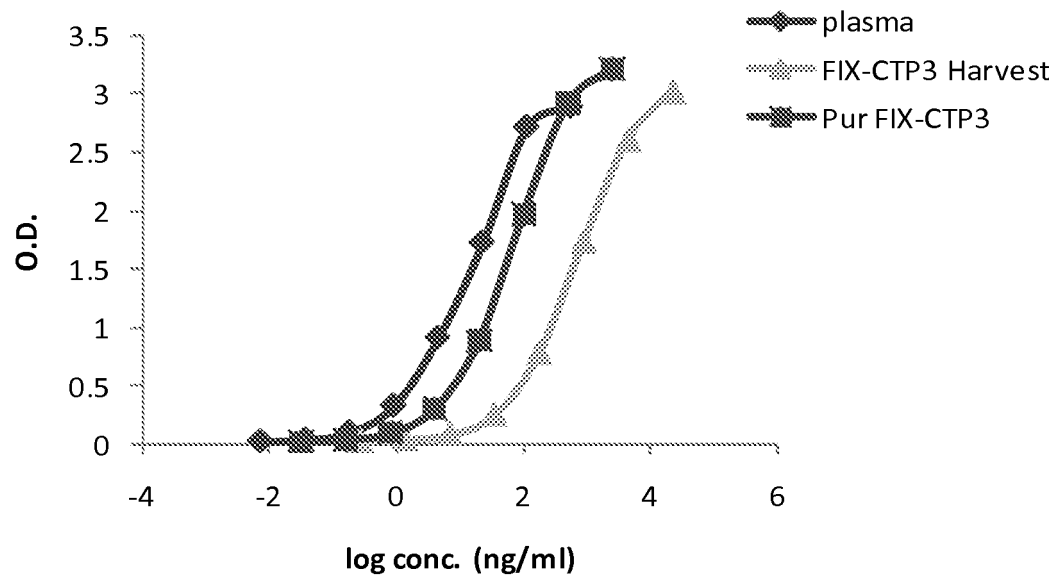


FIGURE 13

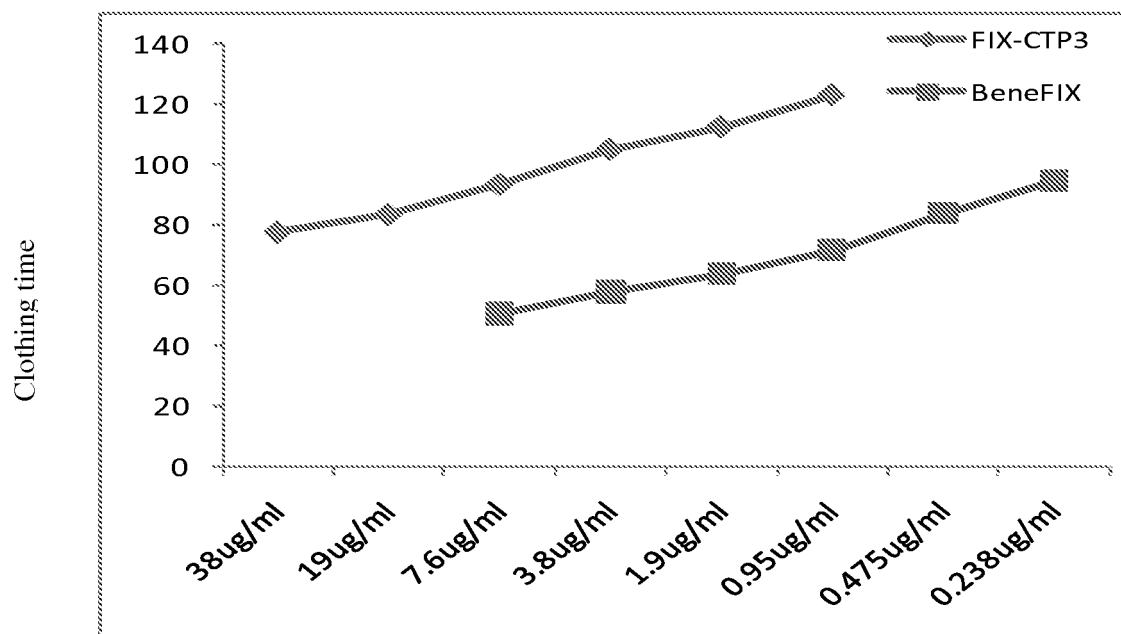


FIGURE 14

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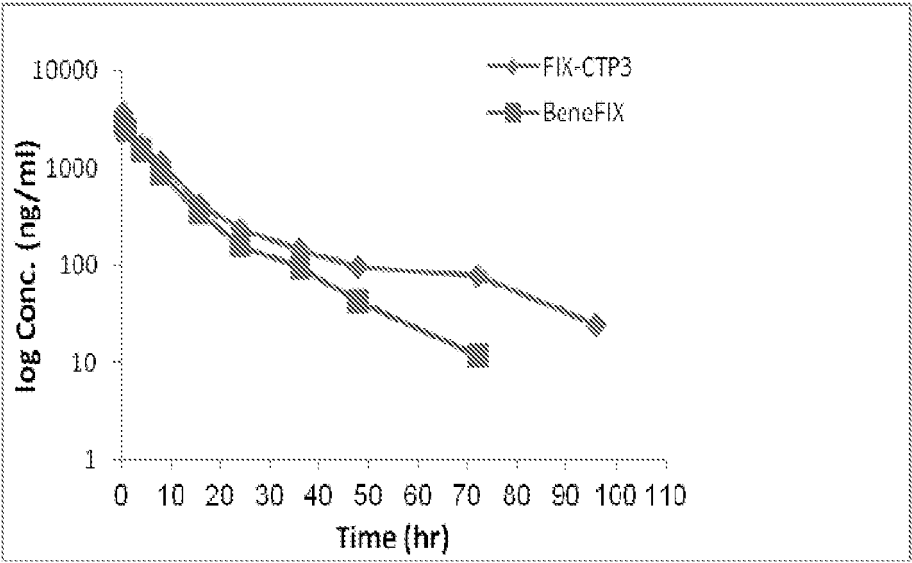


FIGURE 15

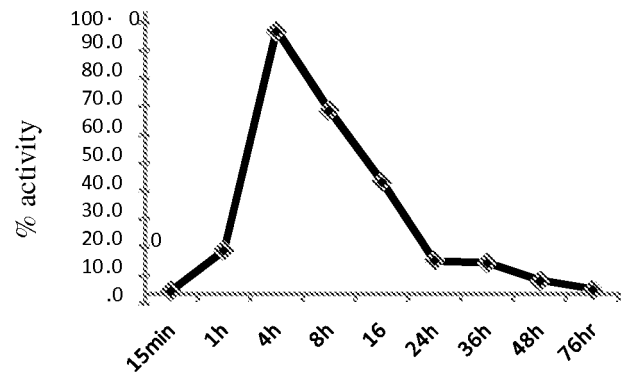


FIGURE 16A

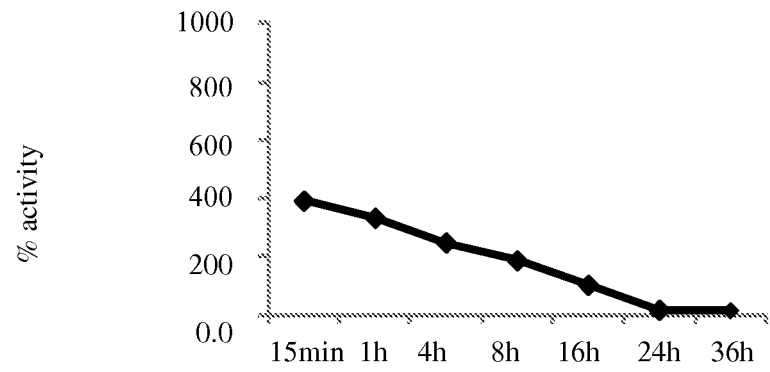


FIGURE 16B

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First bleeding challenge : Hemoglobin OD value			
	FIX-CTP ₃	BeneFIX	FIXKO
#1	6.84	10.26	19.92
#2	0.72	10.14	13.32
#3	4.68	11.16	16.38
#4	NA	9.18	7.92
#5	7.86	7.77	9.72
#6	4.14	9.15	14.7

FIGURE 17A

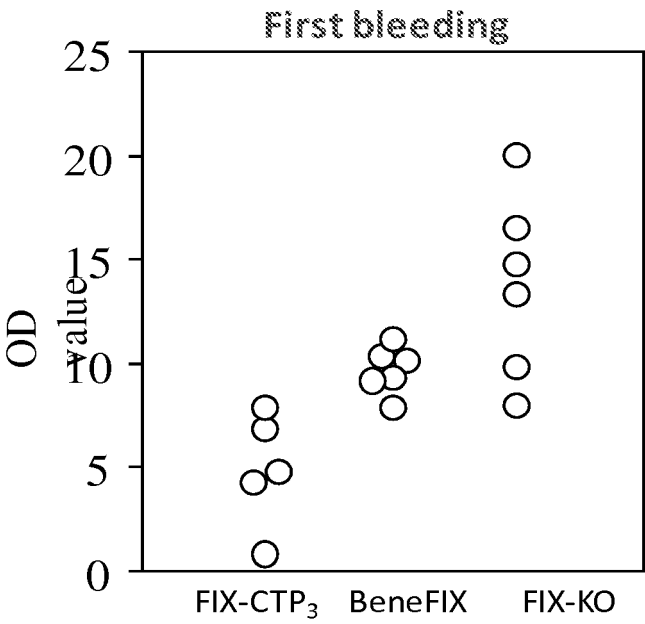


FIGURE 17B

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first bleeding time (min)

	cohort#1	cohort #3	FIXKO
#1	10	10	10
#2	5.12	10	8.17
#3	10	10	10
#4		10	10
#5	10	7	10
#6	10	10	10

FIGURE 17C

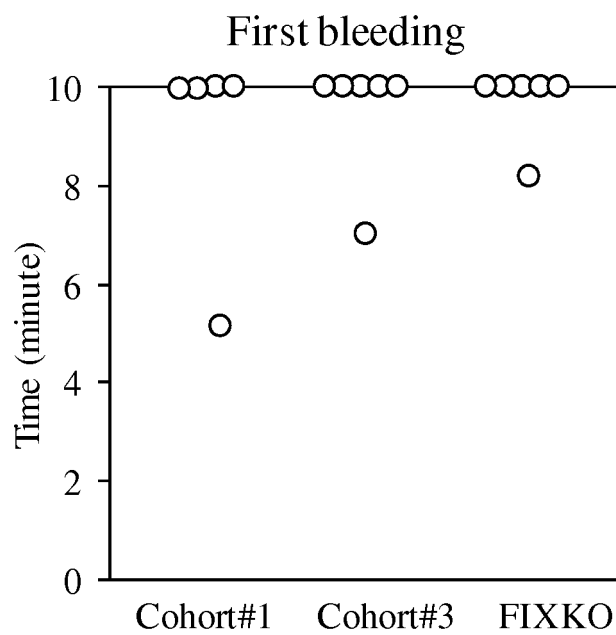


FIGURE 17D

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second bleeding: OD value

	FIX-CTP ₃	BeneFIX	FIXKO
#1	0.324	1.368	1.32
#2	0.358	0.516	0.43
#3	0.006	0.548	0.6
#4		0.027	1.26
#5	0.064	0.158	0.46
#6	0.045	0.992	0.384

FIGURE 18A

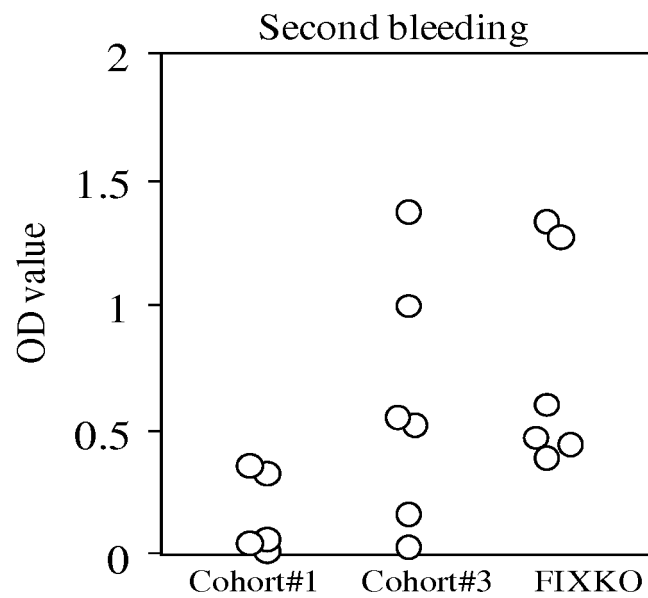


FIGURE 18B

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second bleeding time (min)

	cohort#1	cohort #3	FIXKO
#1	4.63	10	10
#2	2.5	10	8.7
#3	1.2	10	7.13
#4		5	10
#5	3.87	7.4	10
#6	1.83	10	6.5

FIGURE 18C

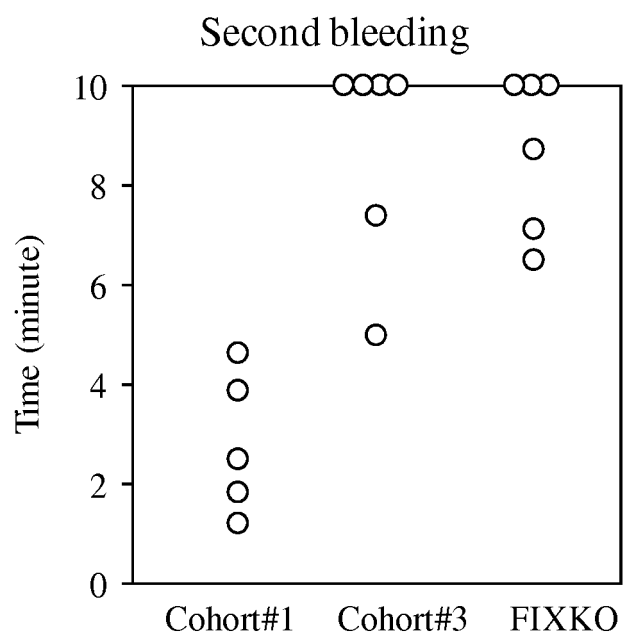


FIGURE 18D

FIGURE 19A

FVII-CTP



FIGURE 19B

FVII-CTP-CTP



FIGURE 19C

FIX-CTP



FIX-CTP-CTP



FIGURE 19D

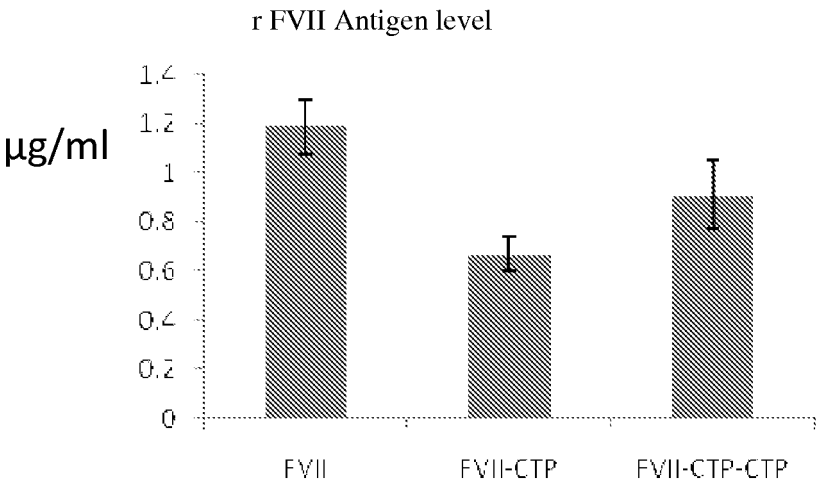


FIGURE 20A

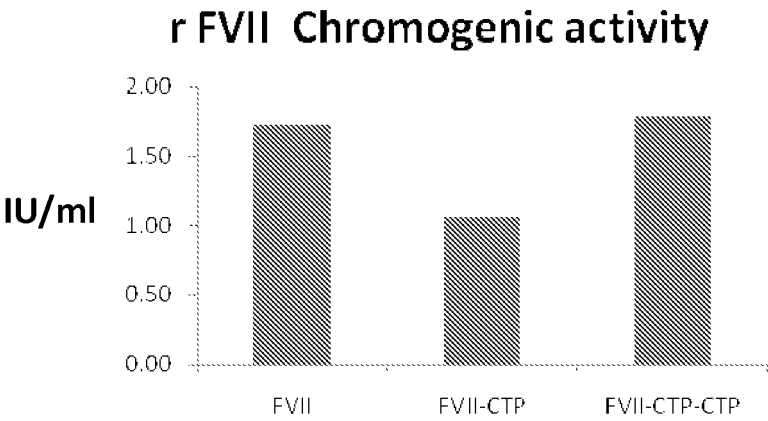


FIGURE 20B

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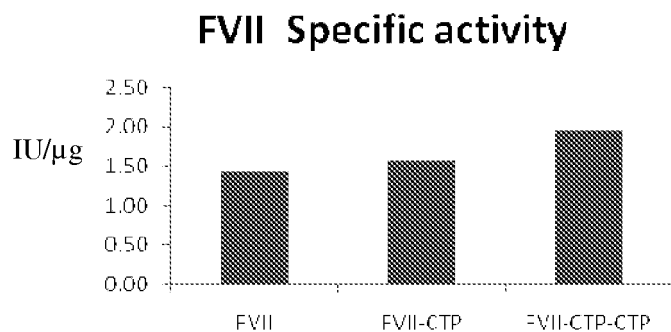


FIGURE 20C

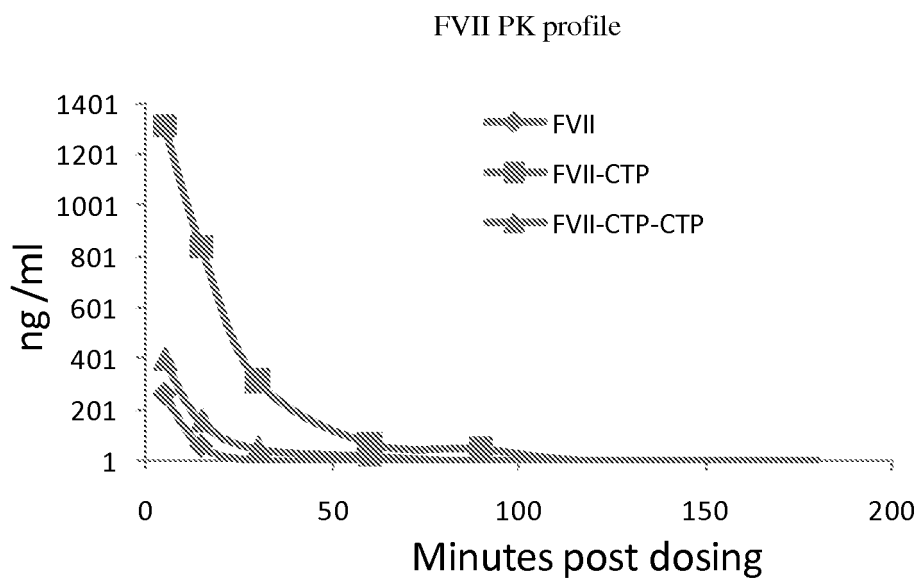


FIGURE 20D

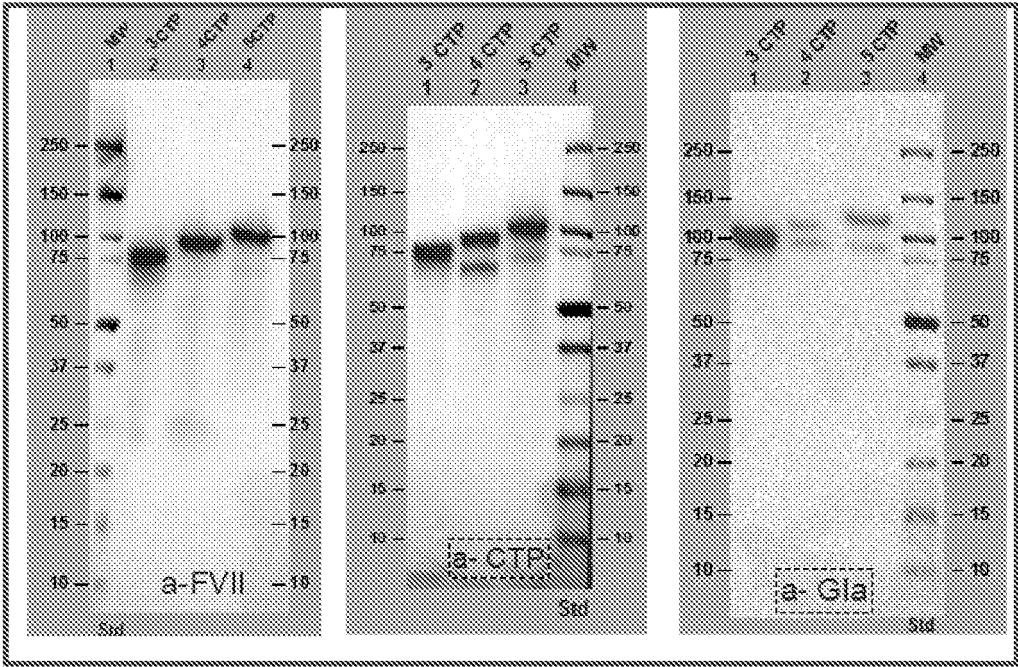


FIGURE 21A

FIGURE 21B

FIGURE 21C

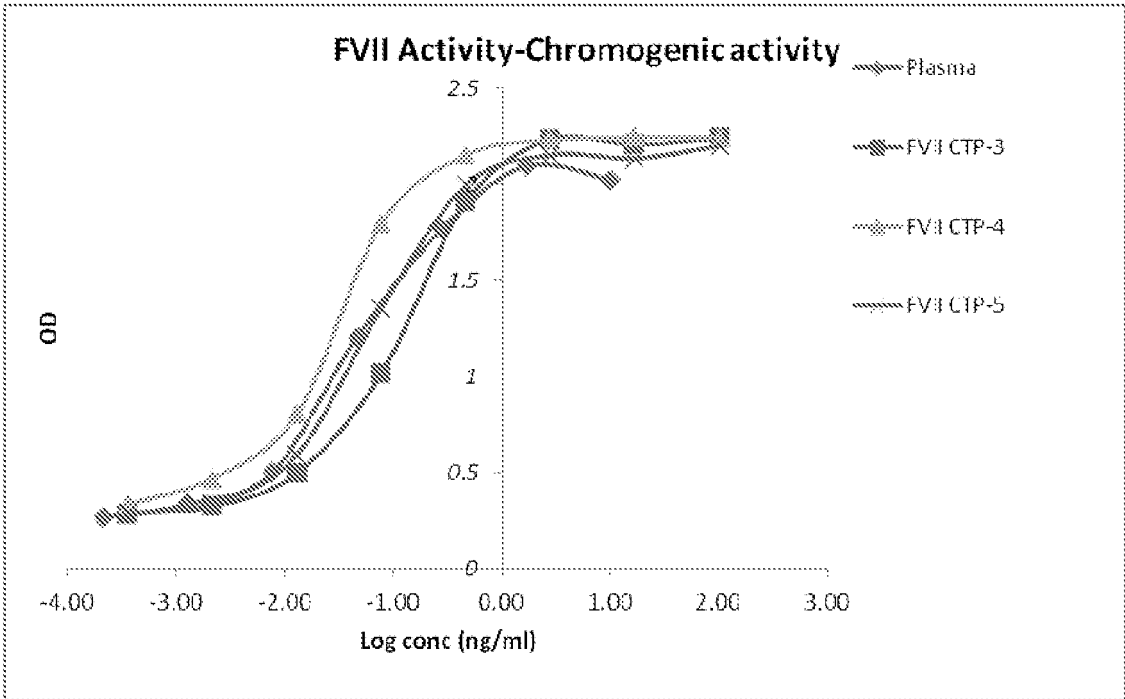


FIGURE 22

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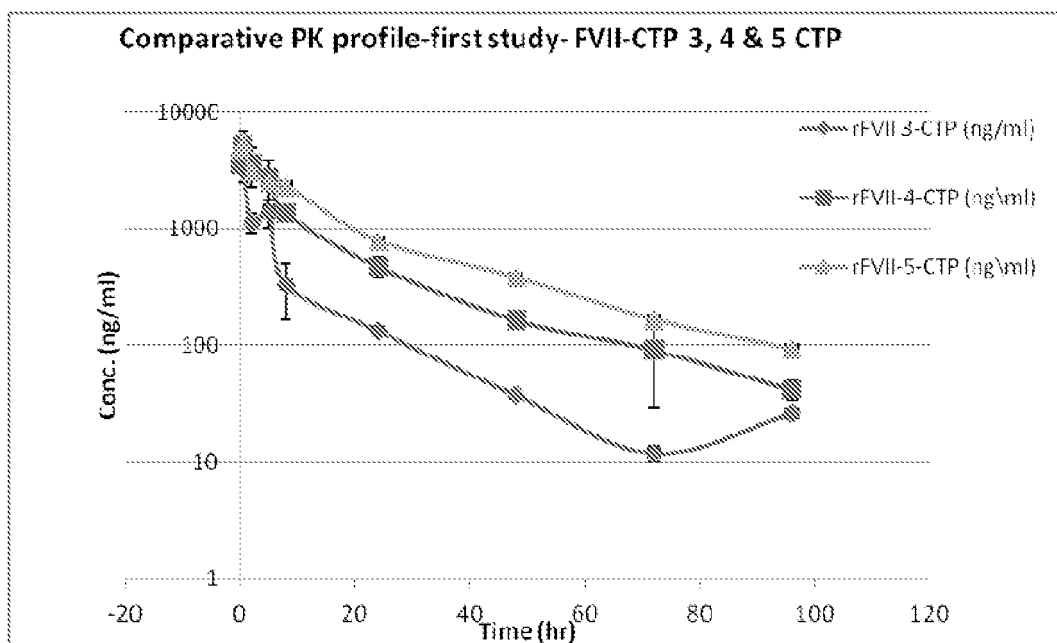


FIGURE 23

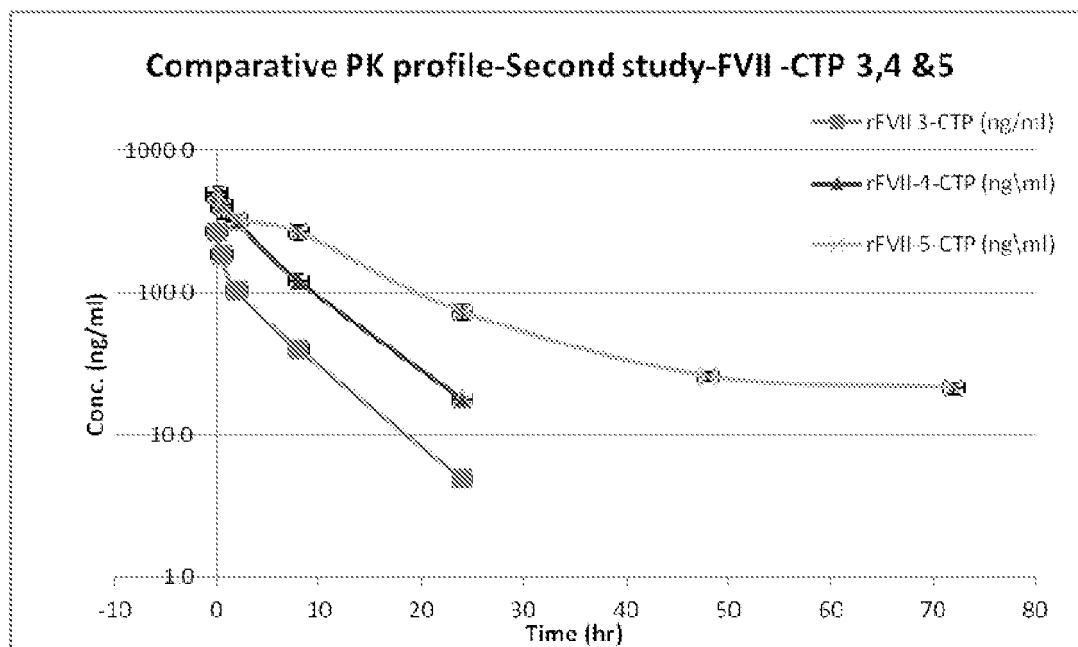


FIGURE 24

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FIGURE 25A

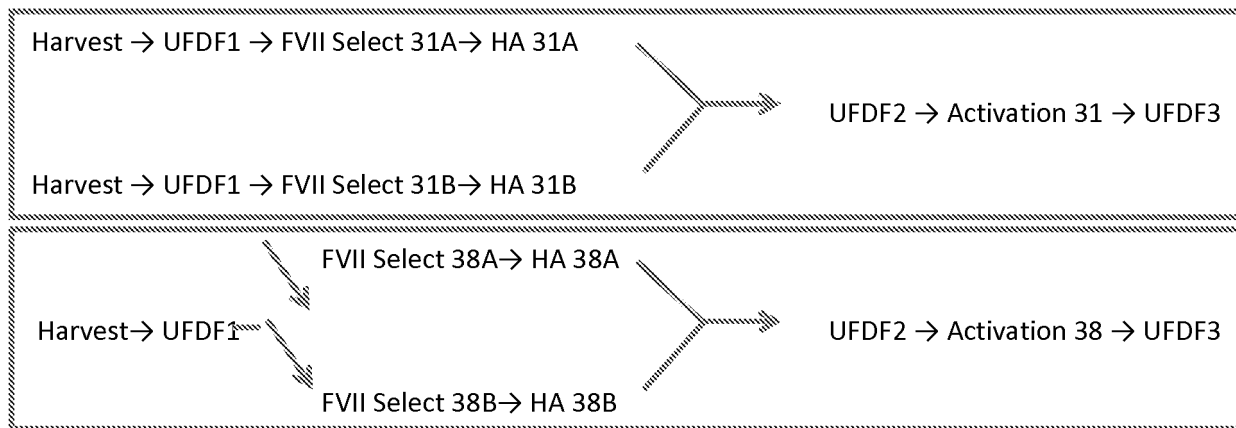


FIGURE 25B

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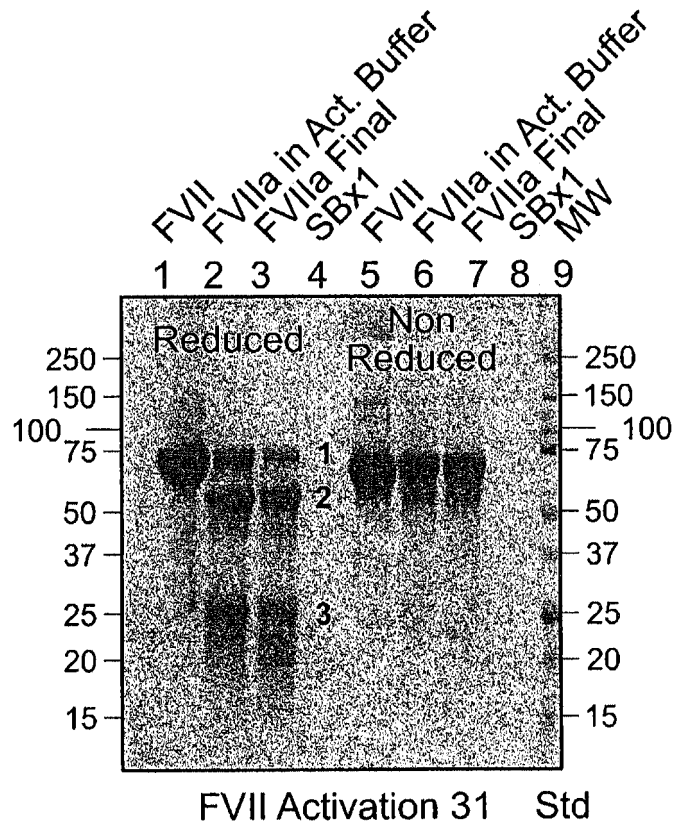


FIGURE 26A

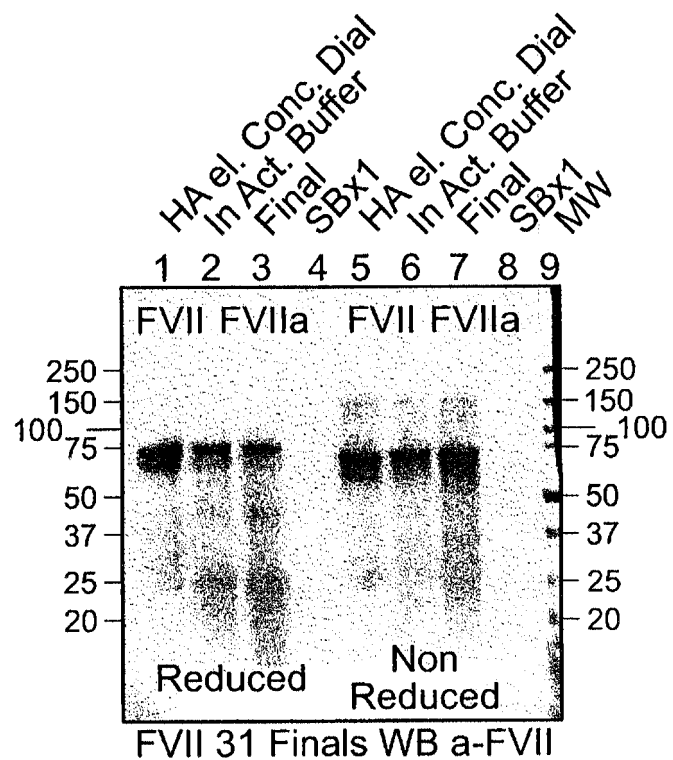


FIGURE 26B

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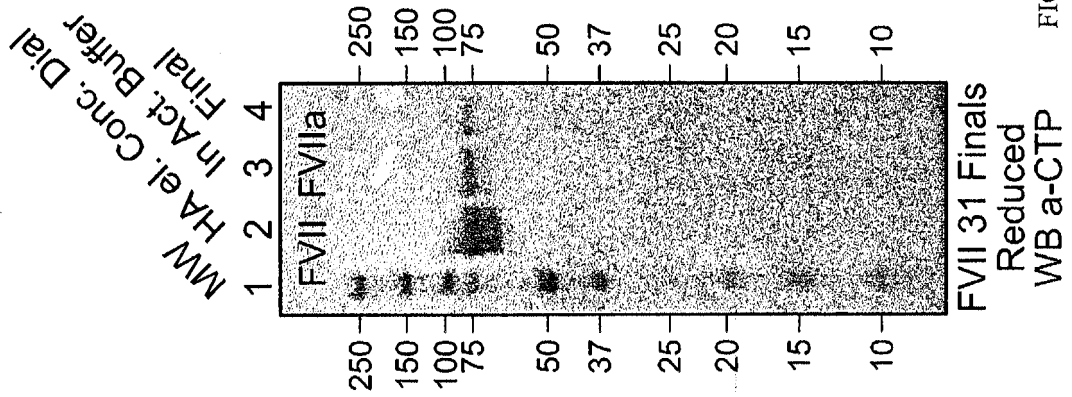


FIGURE 26D

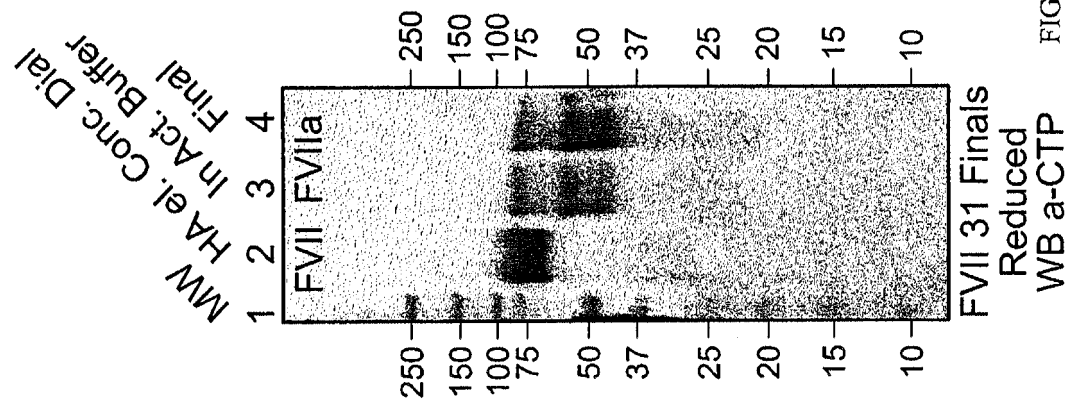


FIGURE 26C

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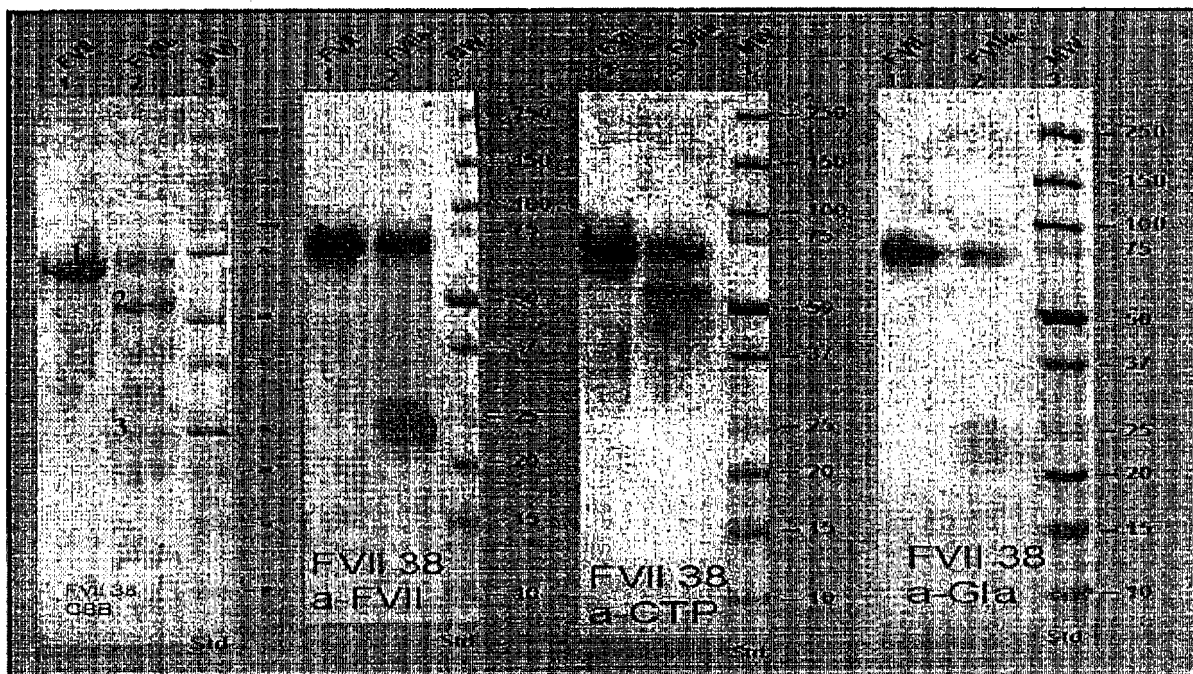


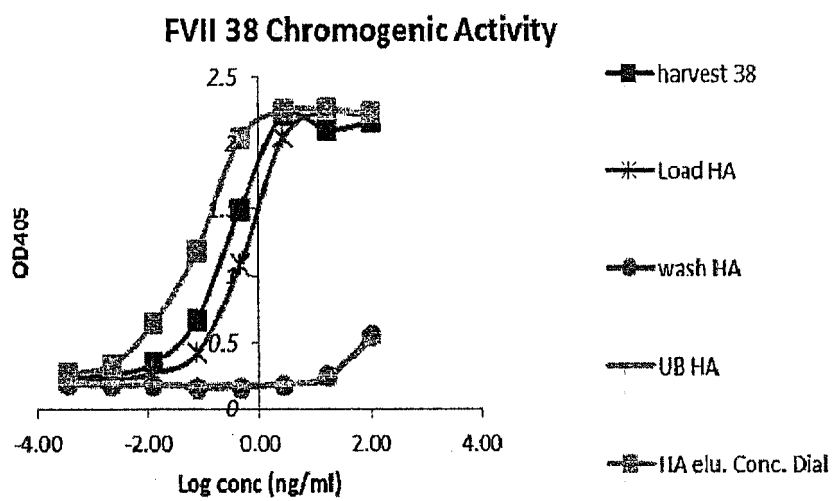
FIGURE 26E

FIGURE 26F

FIGURE 26G

FIGURE 26H

FIGURE 27



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FIGURE 28

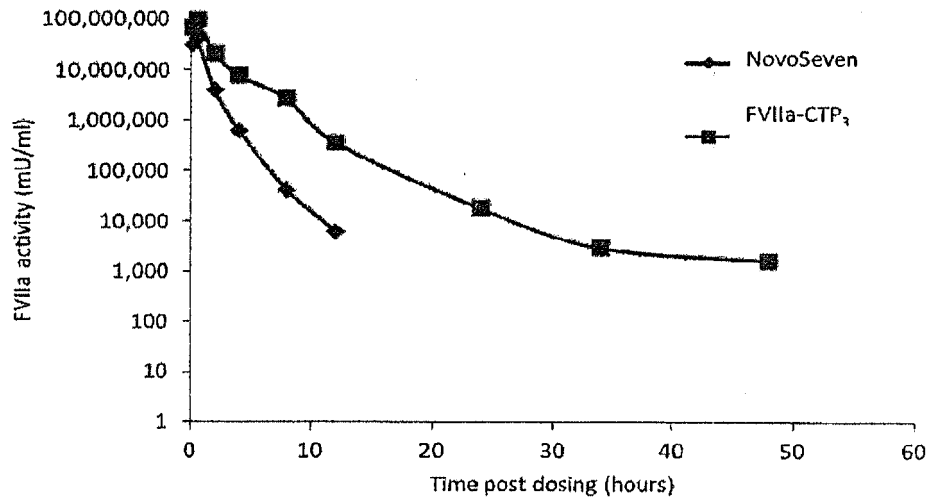


FIGURE 29A

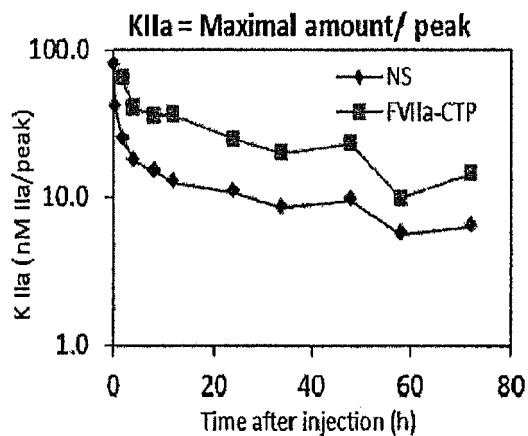


FIGURE 29B

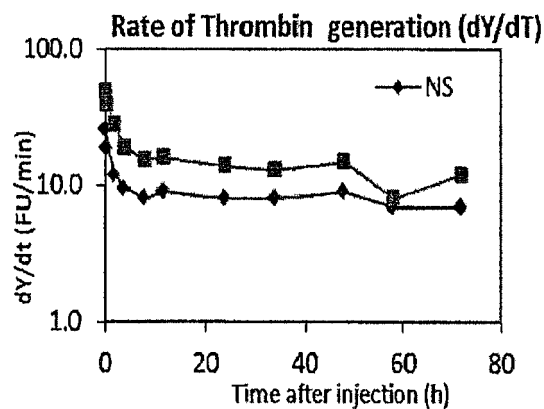
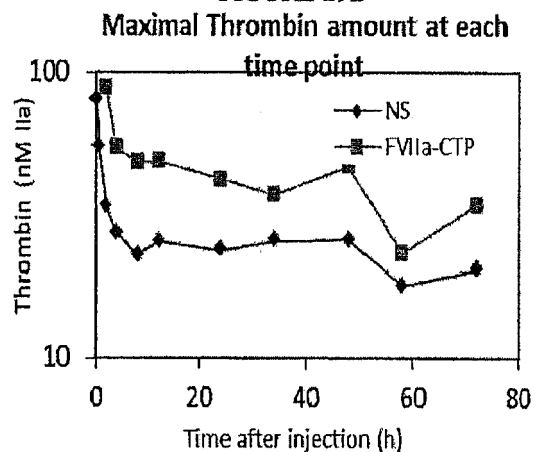


FIGURE 29C

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FIGURE 30A

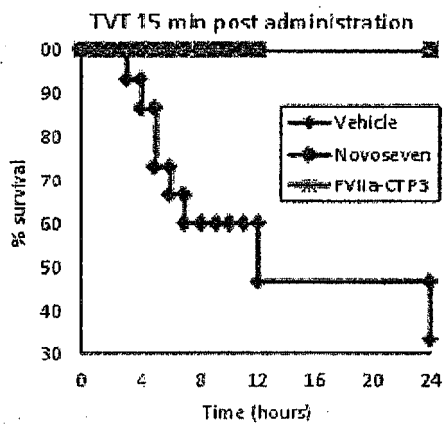


FIGURE 30B

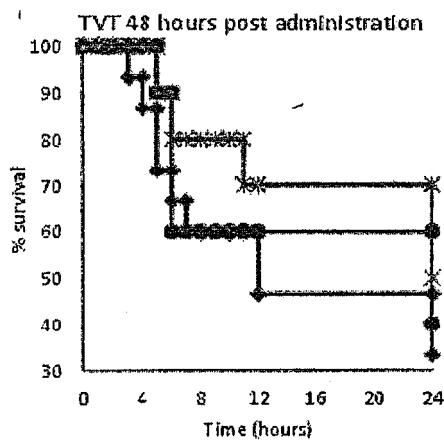
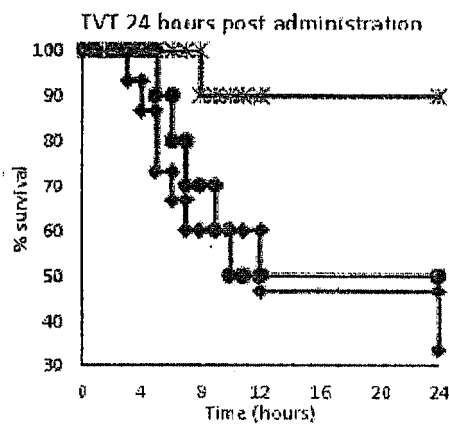


FIGURE 30C

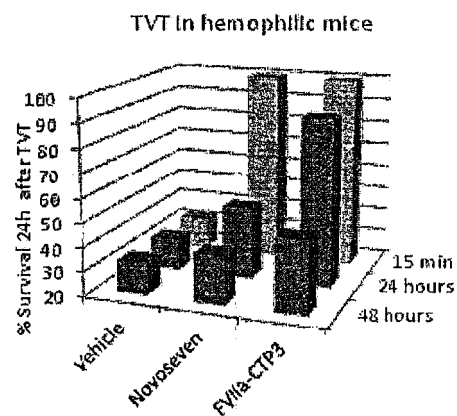


FIGURE 30D

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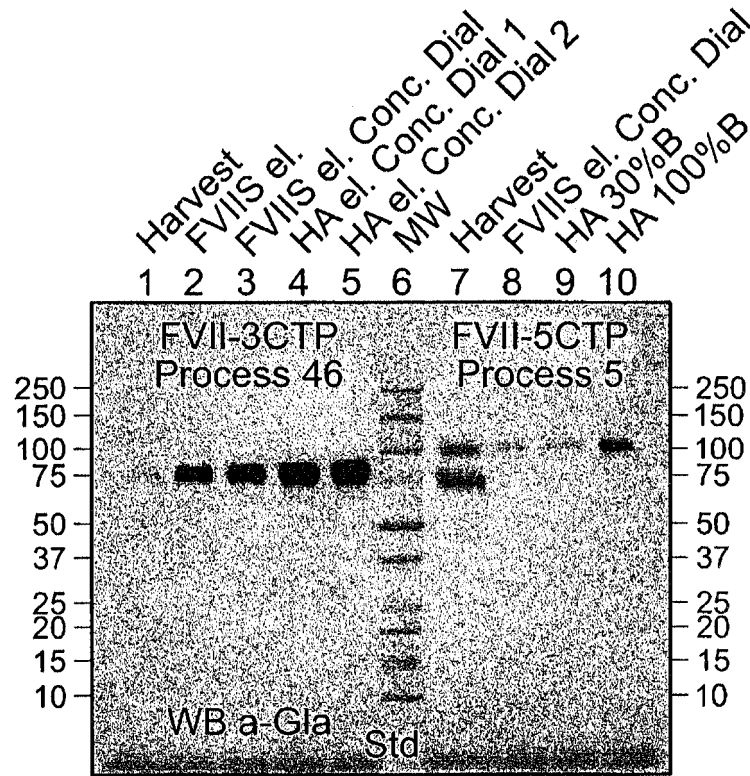


FIGURE 31A

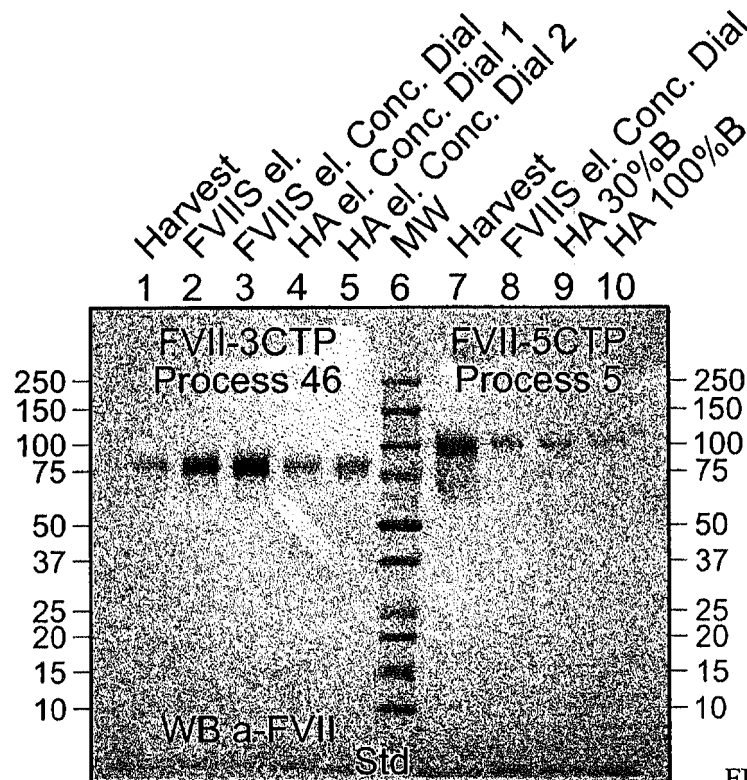


FIGURE 31B

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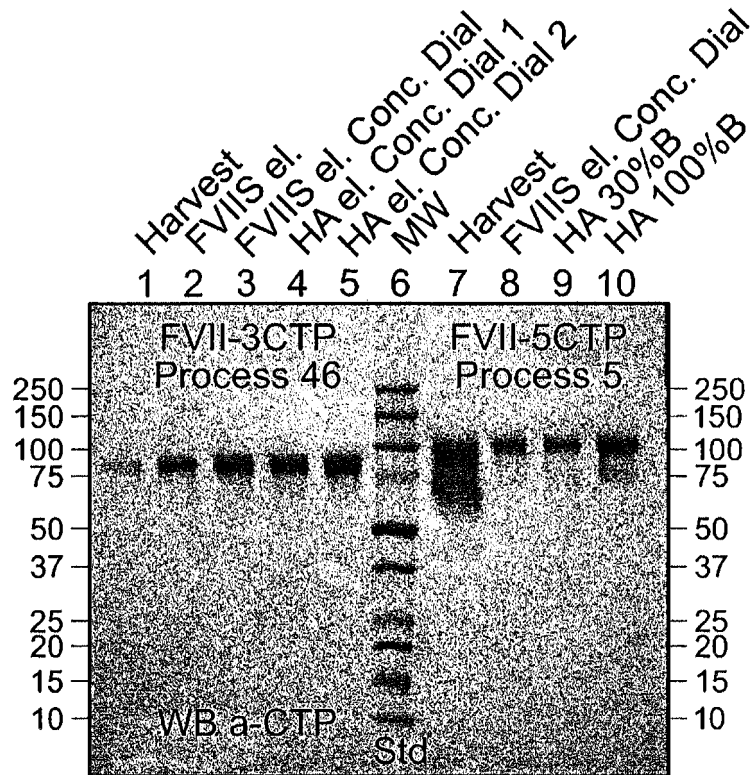


FIGURE 31C

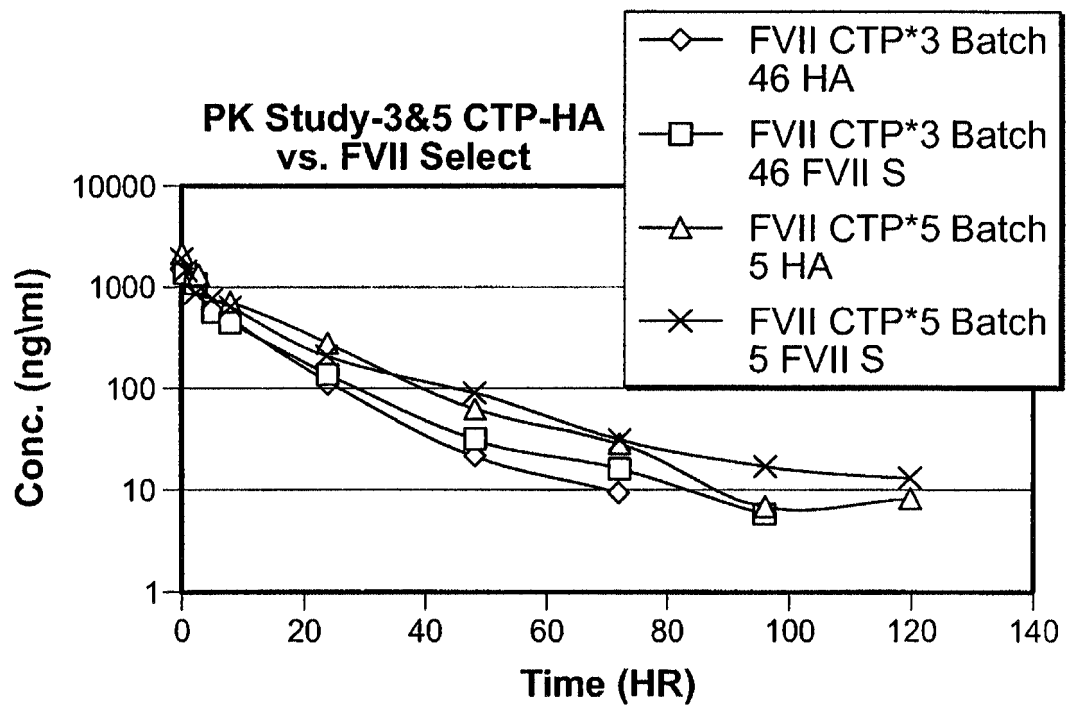


FIGURE 32

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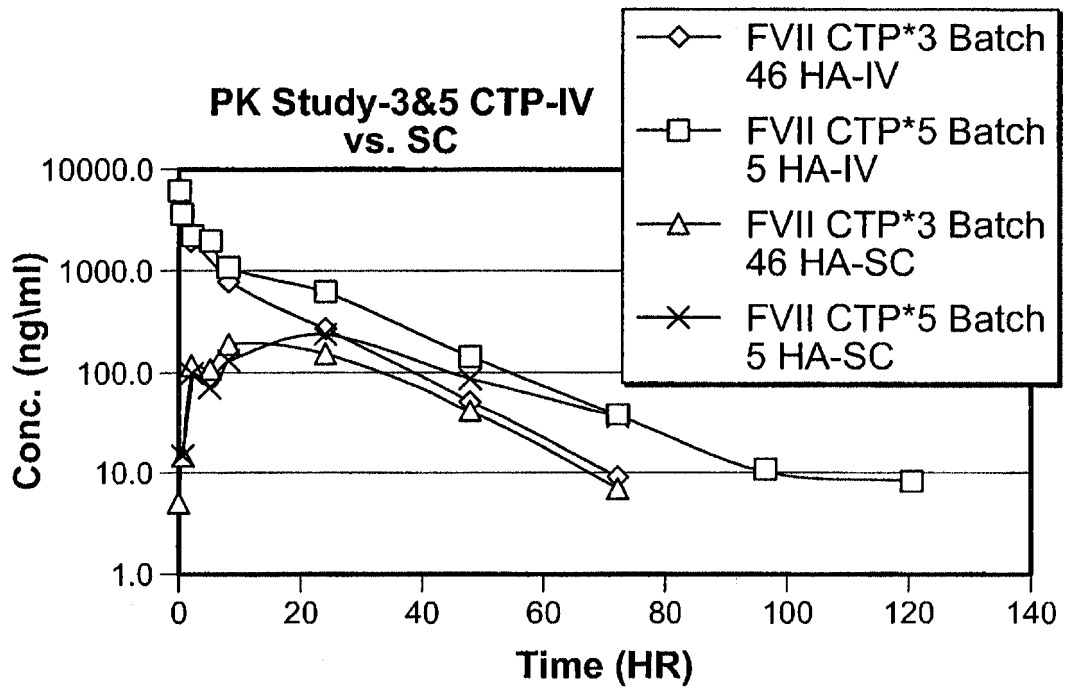


FIGURE 33

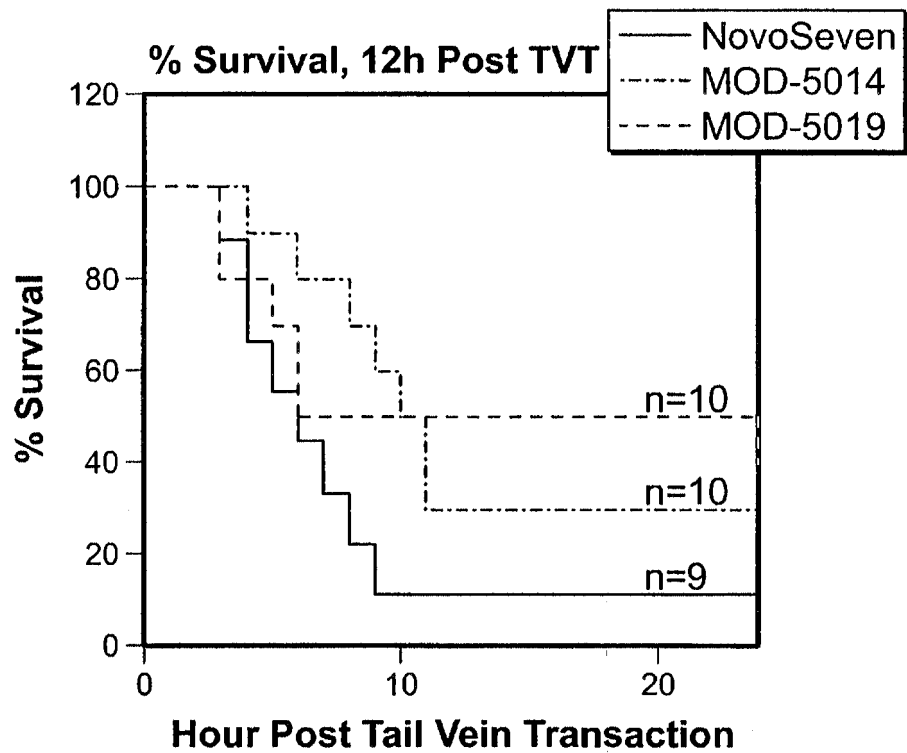


FIGURE 34

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FIGURE 35A

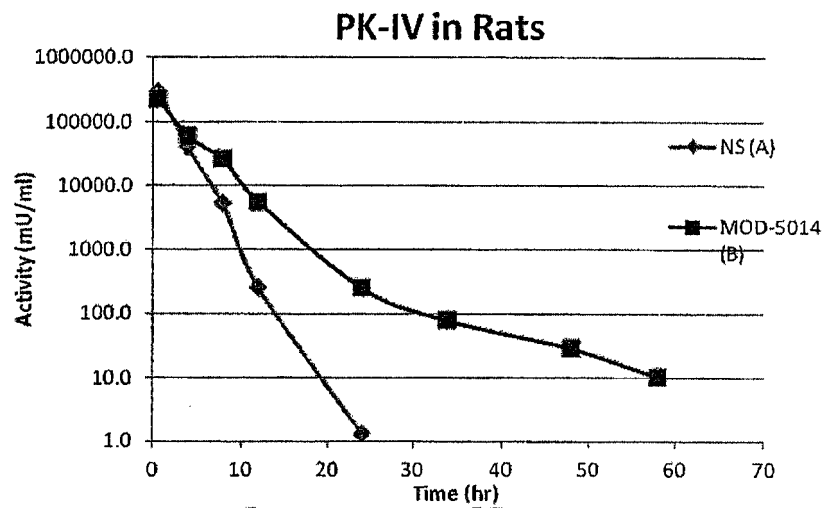
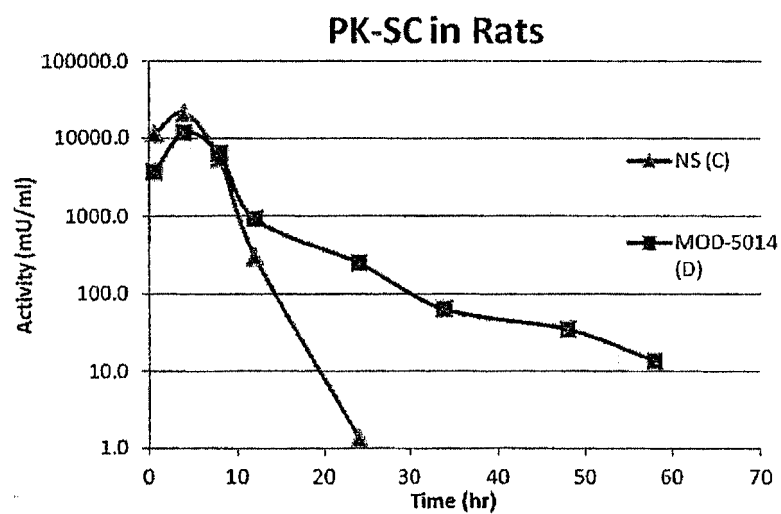


FIGURE 35B



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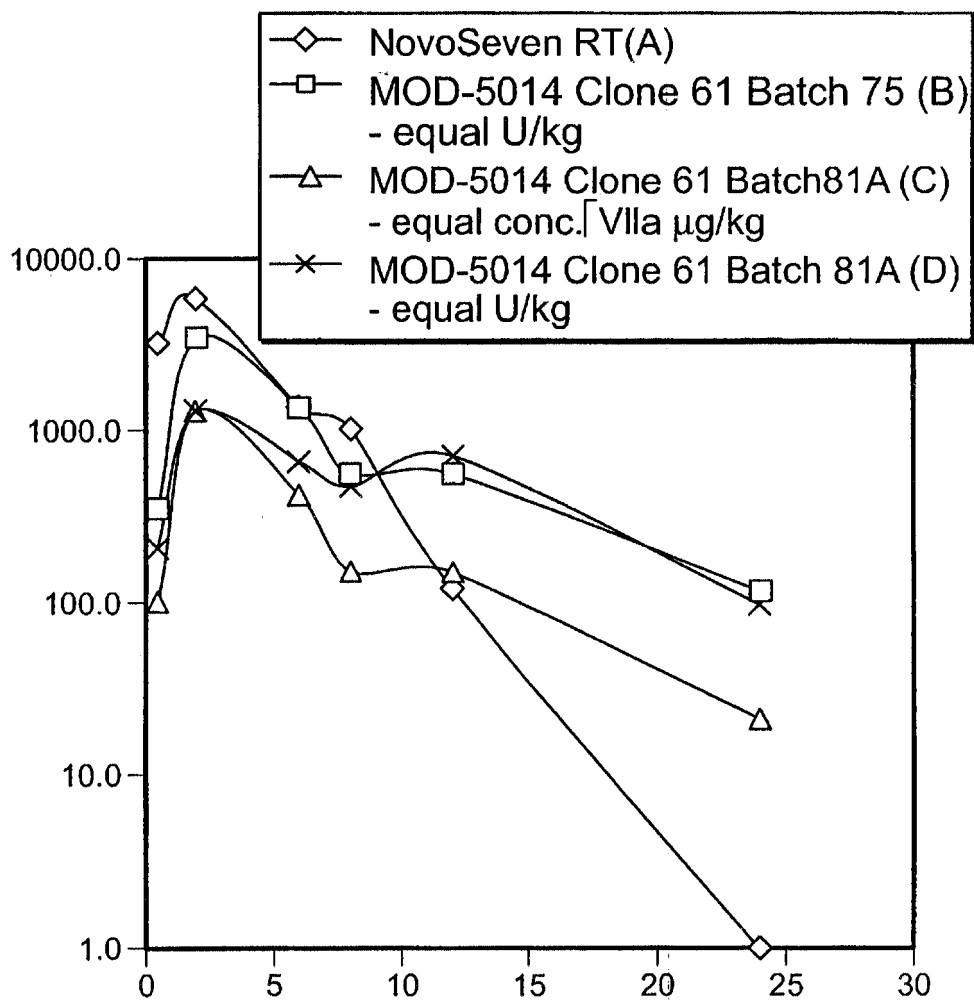


FIGURE 36