

>tr|A0A0G2JMB2|A0A0G2JMB2_HUMAN Immunoglobulin heavy
constant alpha 2 (Fragment) OS=Homo sapiens OX=9606
GN=IGHA2 PE=1 SV=1

ASPTSPKVFPLSLDSTPQDGNVVVACLVQGFFPQEPLSVTWSESGQ**N**VTARNFPPSQ
DASGDLYTTSSQLTLPATQCPDGKSVTCHVKHYTNPSQDVTVPC**P**VPPPPPCCHPRL
SLHRPALEDLLGSEANLTCTLTGLRDASGATFTWTPSSGKSAVQGPPEPRLCGCYS
VSSVLP**GCA**QPWNHGETFTCTAAHPELKTPLTAN**IT**KSGNTFRPEVHLLPPPSEELA
LNELVTLTCLARGFSPKDVLRWLQGSQELPREKYLTWASRQEPSQGTTTFAVTSIL
RVAEDWKKGDTFSCMVGHEALPLAFTQKTIIDRLAGK**PTHVNVSVMAEVDGTCY**

SEQ ID NO: 1

FIG. 1

>sp|P01877|IGHA2_HUMAN Immunoglobulin heavy constant
alpha 2 OS=Homo sapiens OX=9606 GN=IGHA2 PE=1 SV=4

ASPTSPKVFPLSLDSTPQDGNVVVACLVQGFFPQEPLSVTWSESGQ**N**VTARNF
PPSQDASGDLYTTSSQLTLPATQCPDGKSVTCHVKHYTNSSQDVTVPCC**R**VPPPP
PPCCHPRLSLHRPALEDLLGSEANLTCTLTGLRDASGATFTWTPSSGKSAVQ
GPPELDLCGCYSVSSVLP**GCA**QPWNHGETFTCTAAHPELKTPLTAN**IT**TKSGNT
FRPEVHLLPPPSEELALNELVTLTCLARGFSPKDVLRWLQGSQELPREKYLT
WASRQEPSQGTTTYAVTSILRVAAEDWKKGETFSCMVGHEALPLAFTQKTIDR
MAGK**PTHINVSVMAEADGTCY**

SEQ ID NO: 2

FIG. 2

>tr|A0A286YFY5|A0A286YFY5_HUMAN Immunoglobulin heavy constant
alpha 2 (Fragment) OS=Homo sapiens OX=9606 GN=IGHA2 PE=1 SV=1

ASPTSPKVFPLSLDSTPQDGNVVVACL VQGF FPFQEP LSVTWSESGQ**N**VTARNFPPSQDASG
DLYTTSSQLTLPATQCPD GKS V TCHVKHYTNSSQDVT VPC**R**VPPPPCCHPRLSLHRPALE
DLLLGSEANLTCTLTGLRDASGATFTWTPSSGKSAVQGP PERDLCGCYSVSSVLP G**C**AQPW
NHGETFTCTAAHP ELK TPLTA**NT**TKSGNTFRPEVHLLPPPSEELALNELVTLTCLARGFSP
KDVLVRWLQGSQELPREKYL TWASRQEPSQGT TYAVTSILRVA AEDWKKGETFSCMVGHE
ALPLAFTQKTIDRMAGSCCVADWQMP PPYVVLDPQETLEETPGANLWPTTITFLTLFLL
SLFYSTALTVTSVRGPGKREGPQY

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SEQ ID NO: 3

FIG. 3

IgA2m1

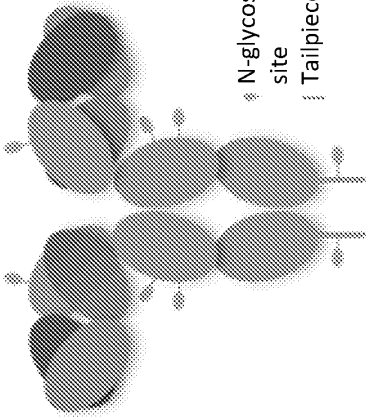


FIG. 4A

IgA3.0 +

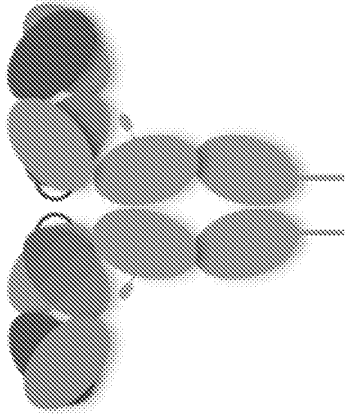


FIG. 4B

IgA3.0min

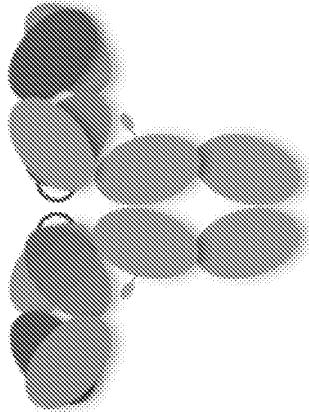


FIG. 4C

IgA4.0

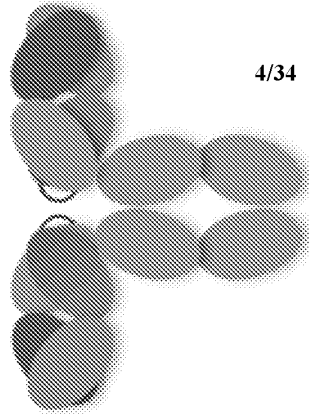


FIG. 4D

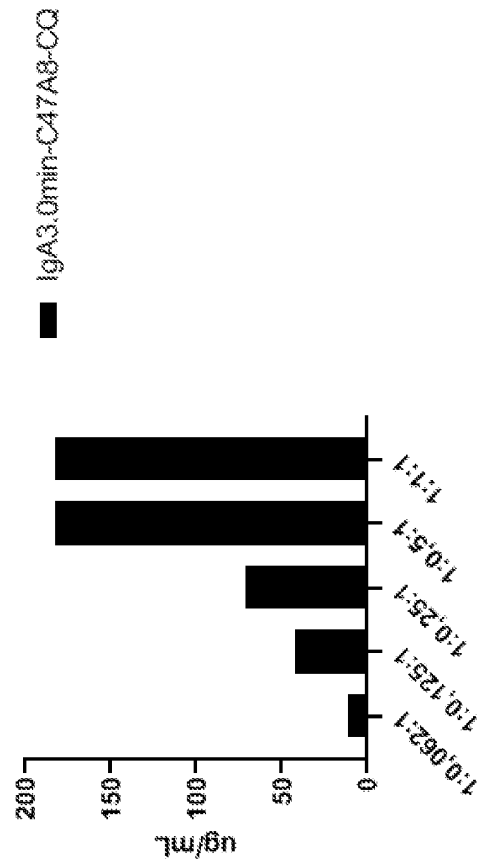


FIG. 5B

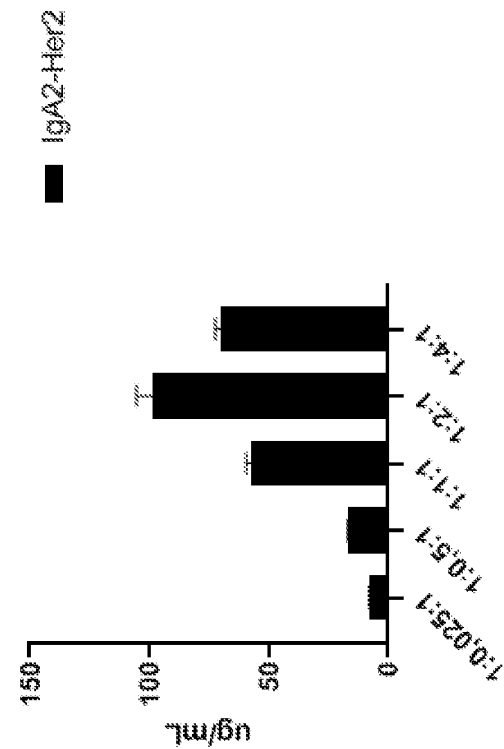


FIG. 5A

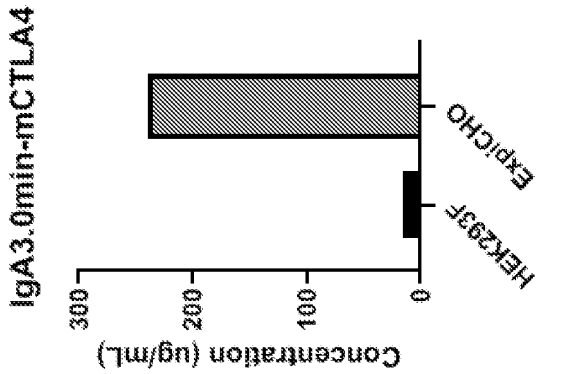


FIG. 6C

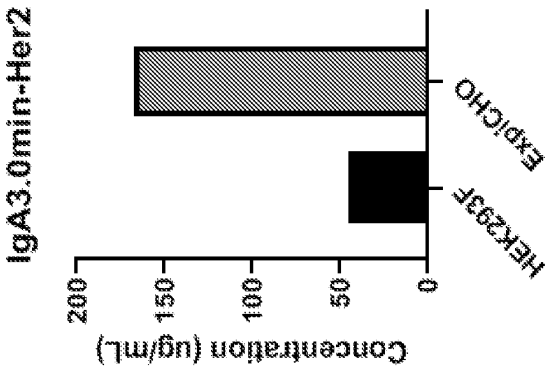


FIG. 6B

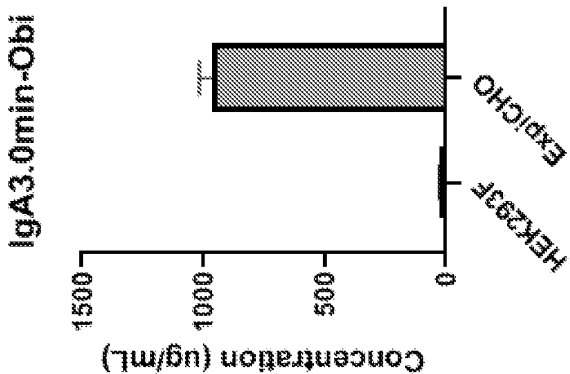


FIG. 6A

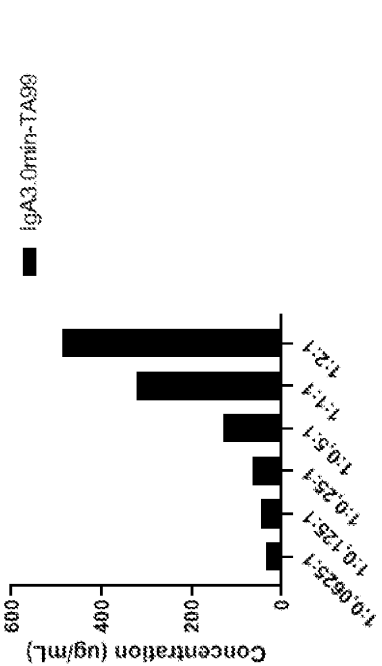


FIG. 7B

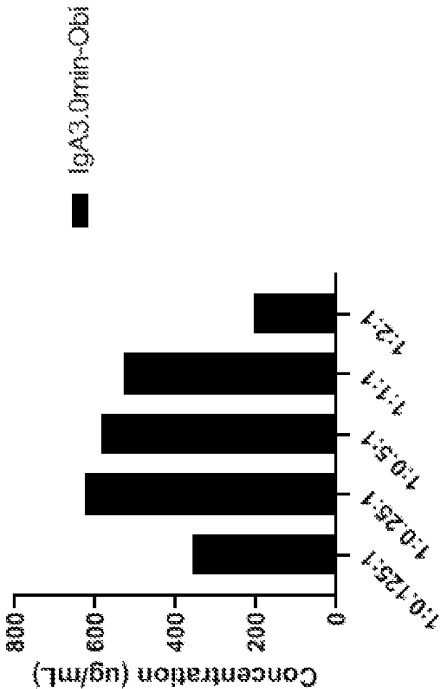


FIG. 7D

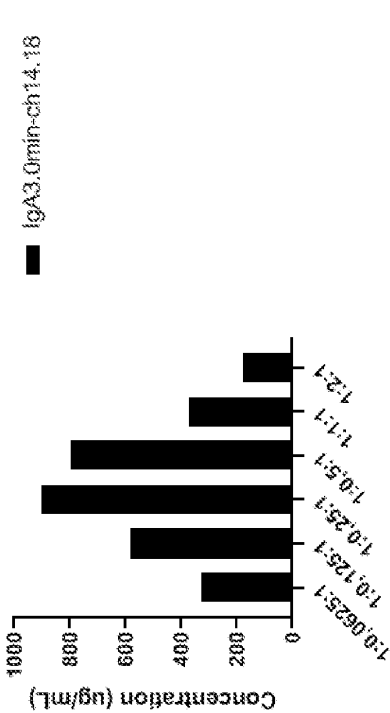


FIG. 7A

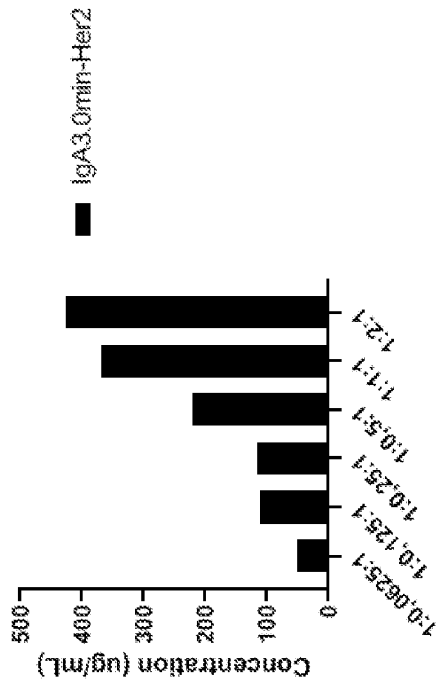


FIG. 7C

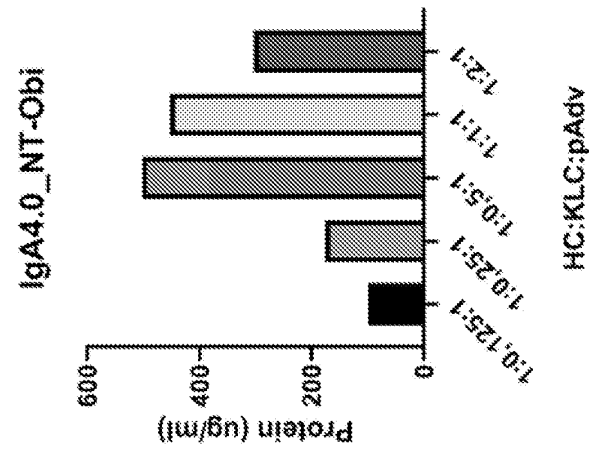


FIG. 8B

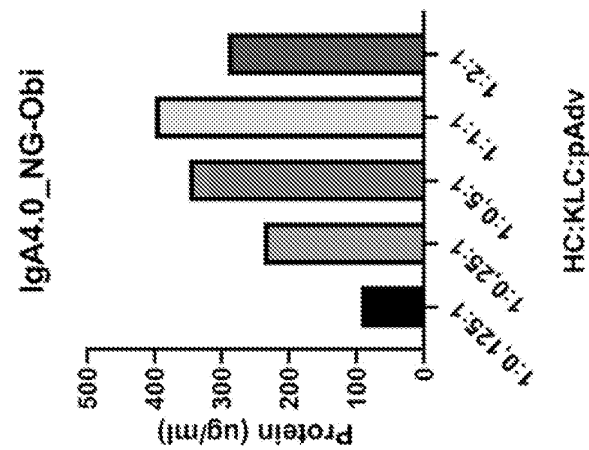


FIG. 8A

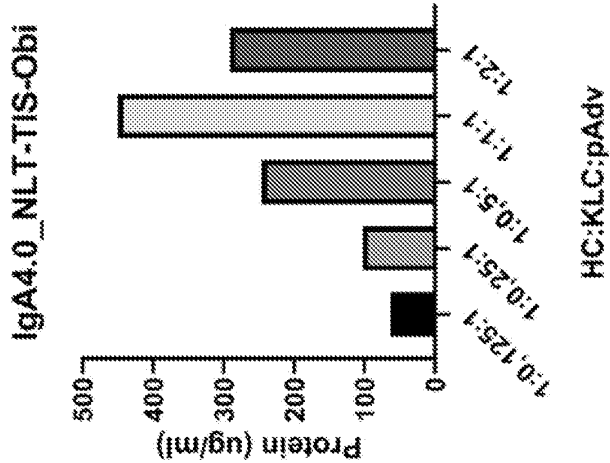


FIG. 8D

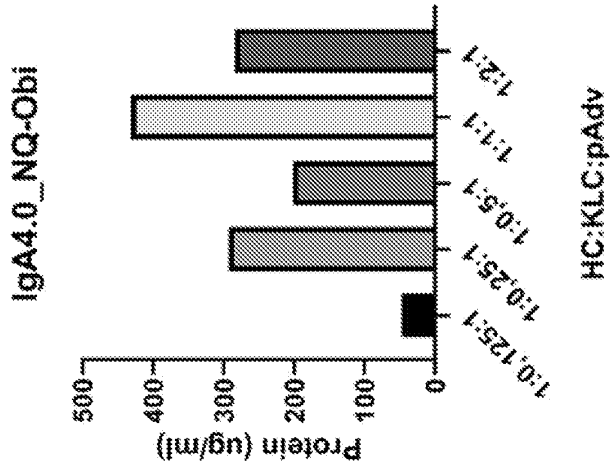


FIG. 8C

ExpiCHO-S

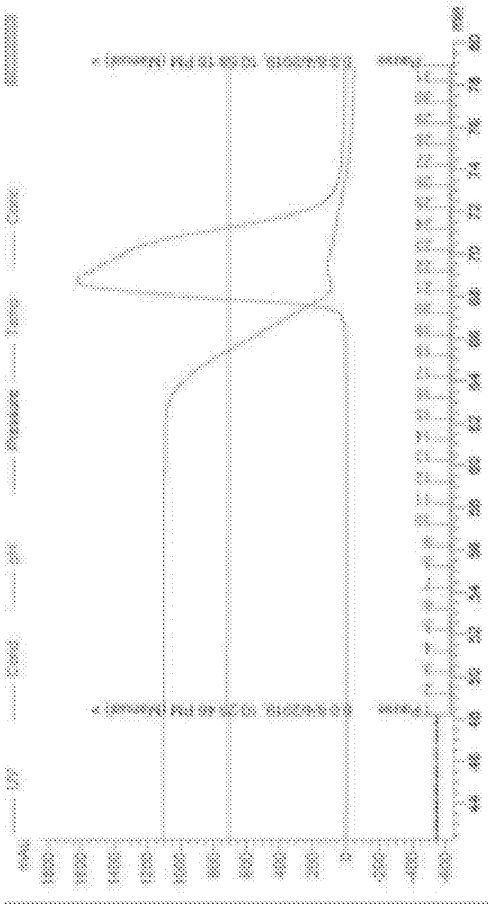


FIG. 9A

HEK293F

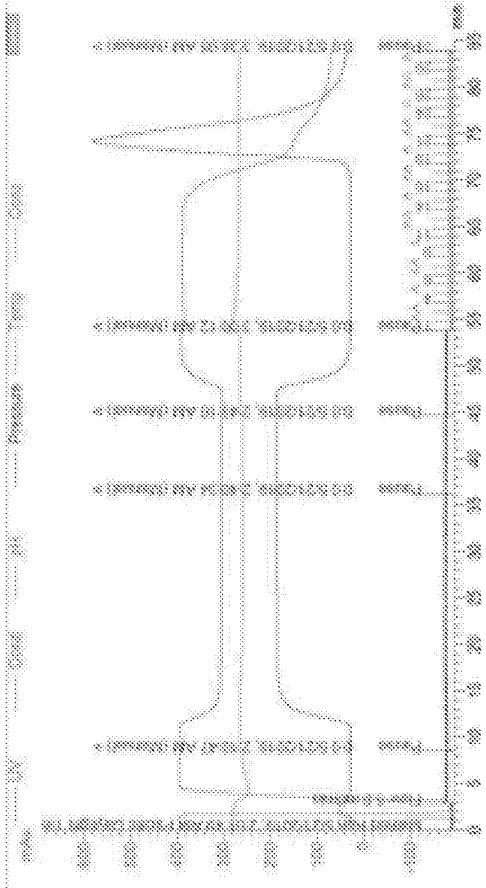


FIG. 9B

ExpiCHO-S

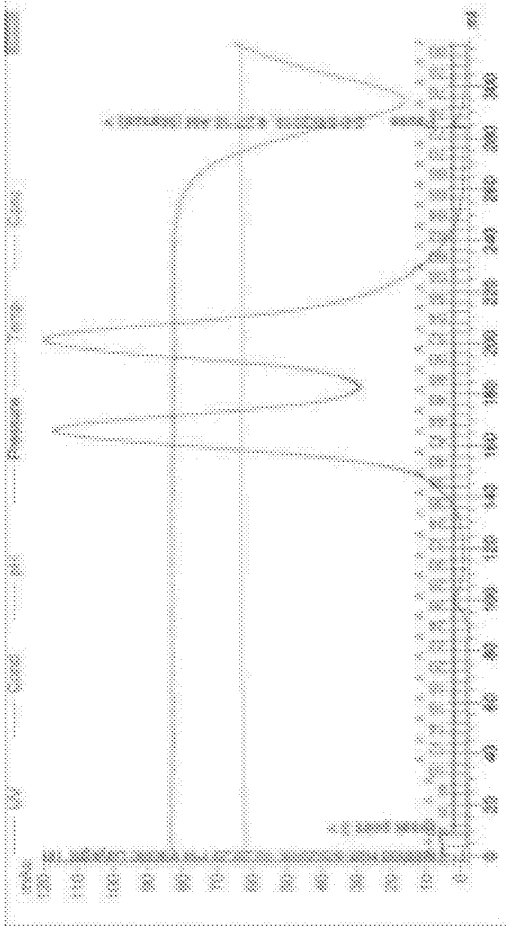


FIG. 9C

HEK293F

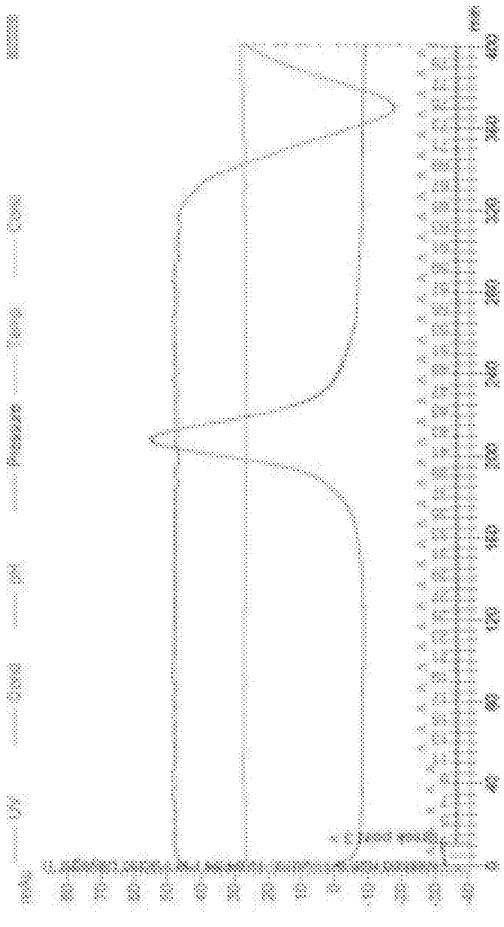
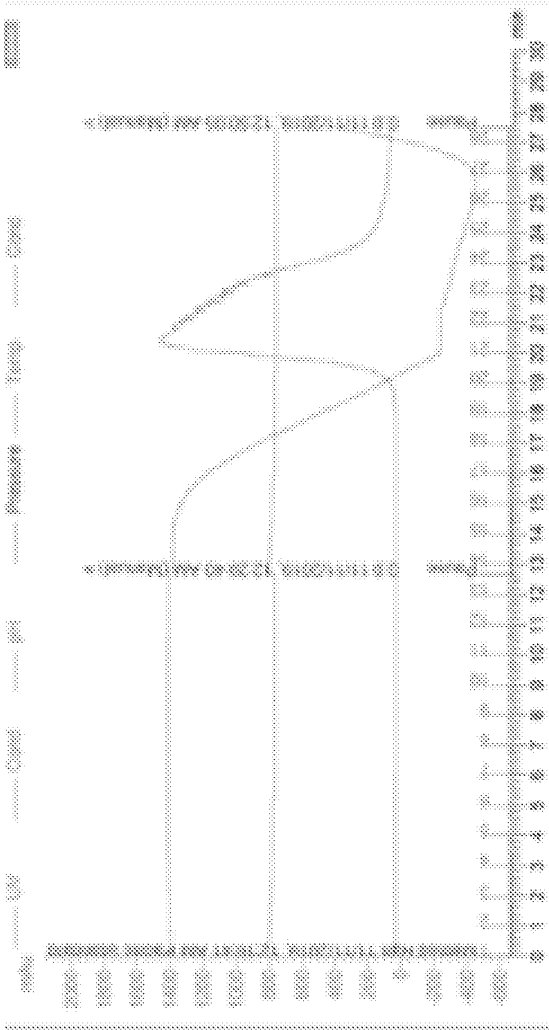


FIG. 9D

ExpiCHO-S



HEK293F

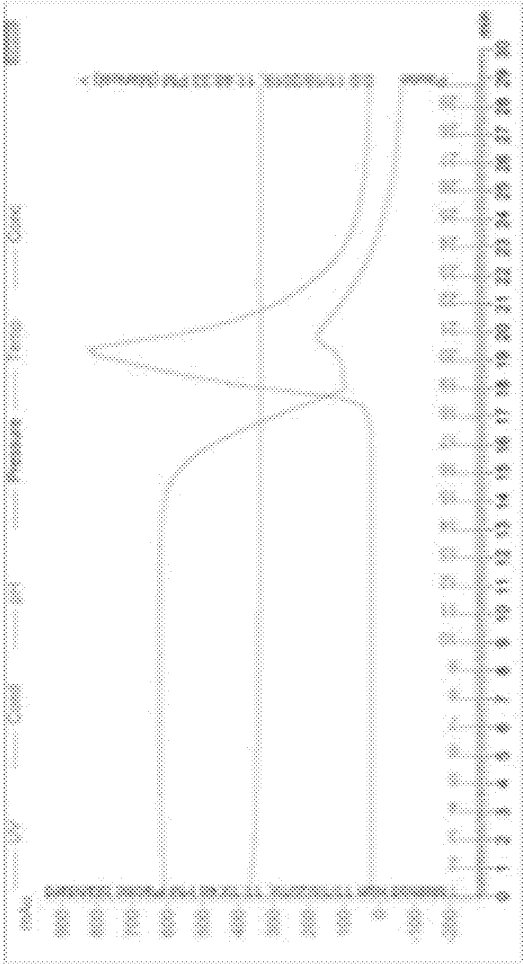


FIG. 10A

FIG. 10B

ExpiCHO-S

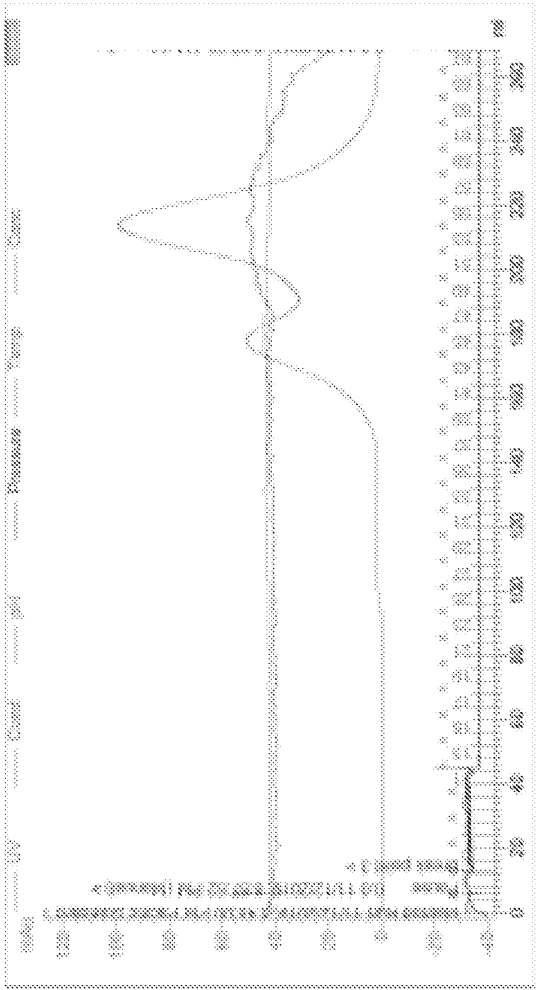


FIG. 10C

HEK293F

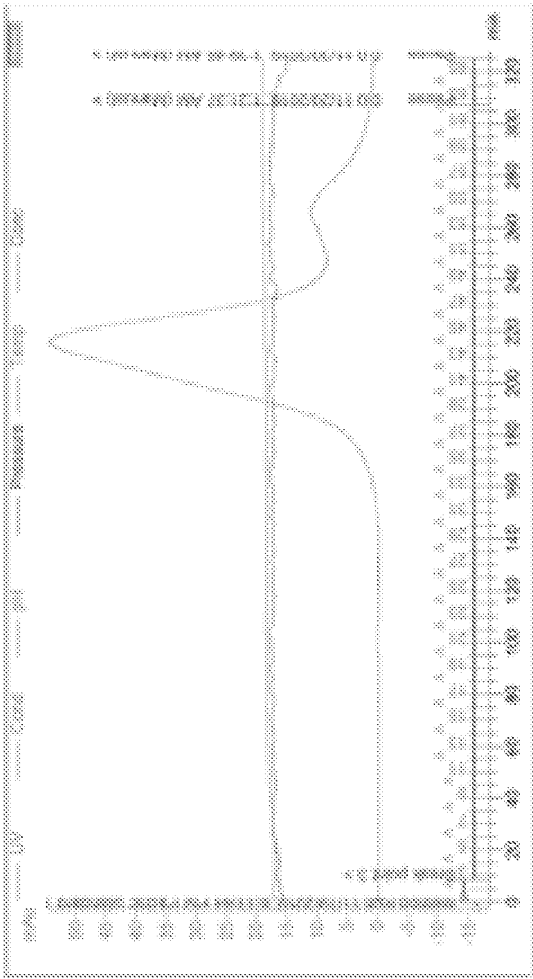


FIG. 10D

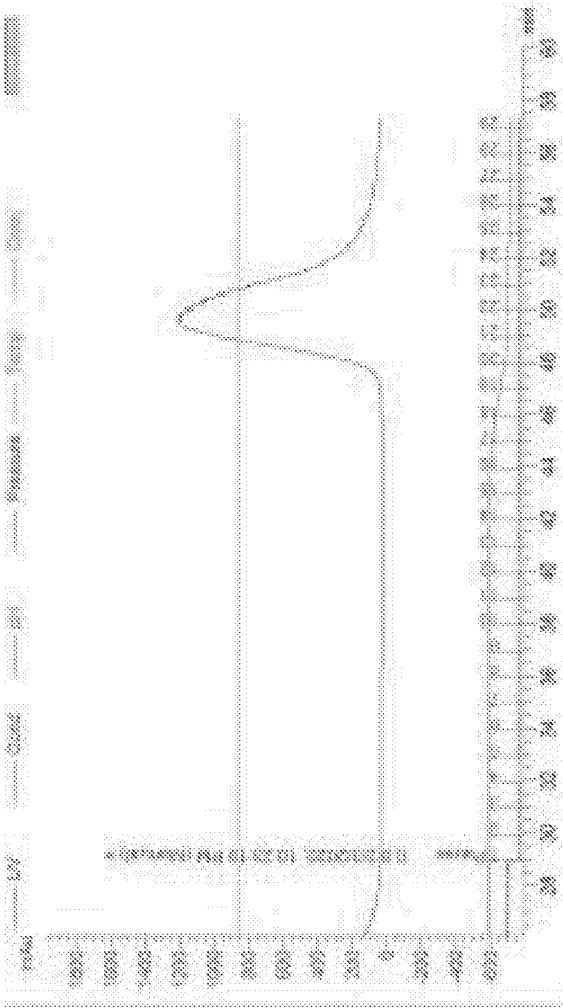


FIG. 11A

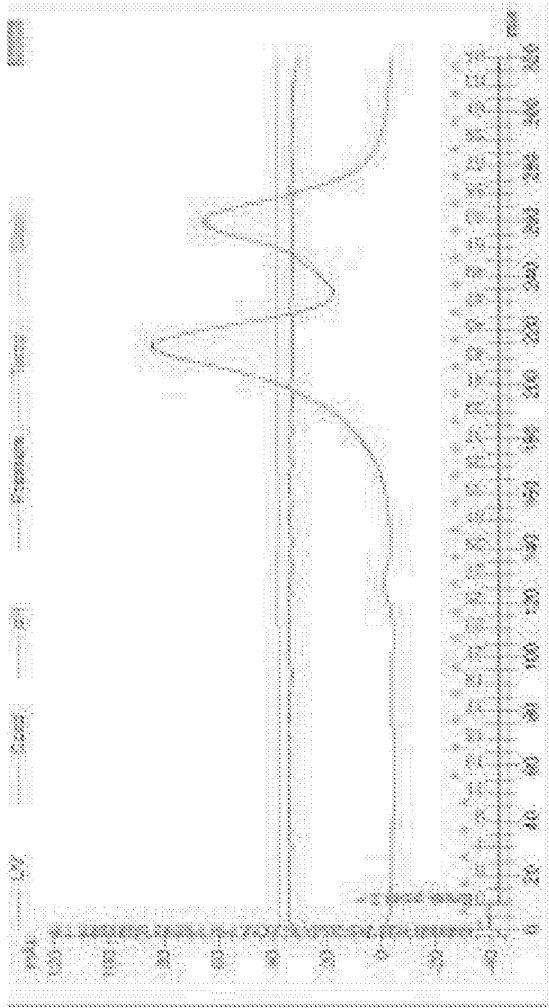


FIG. 11B

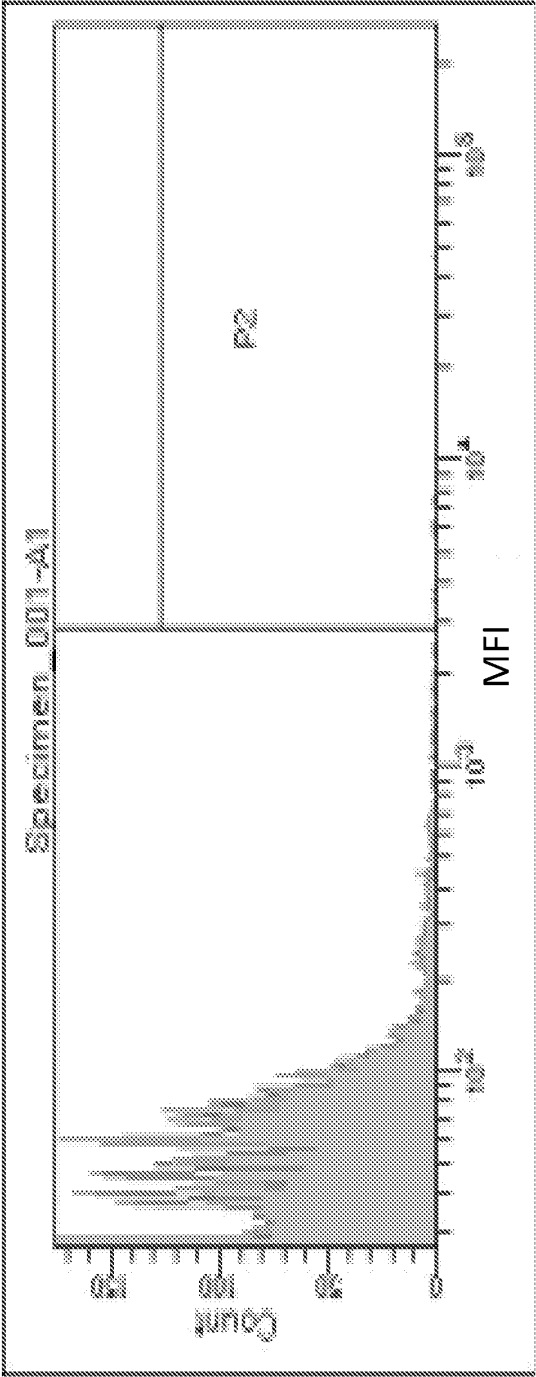


FIG. 12A

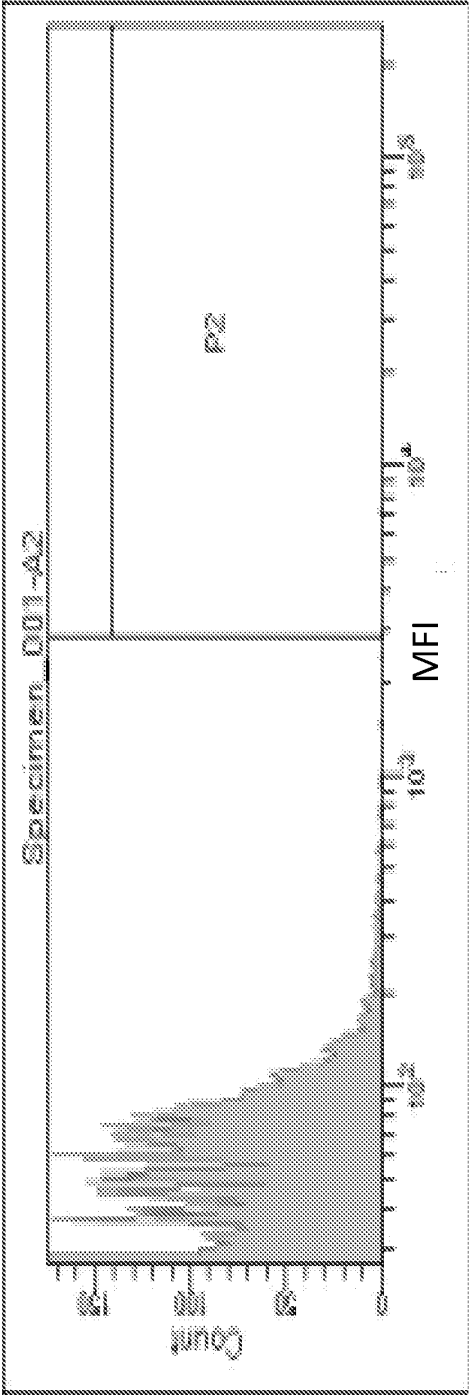


FIG. 12B

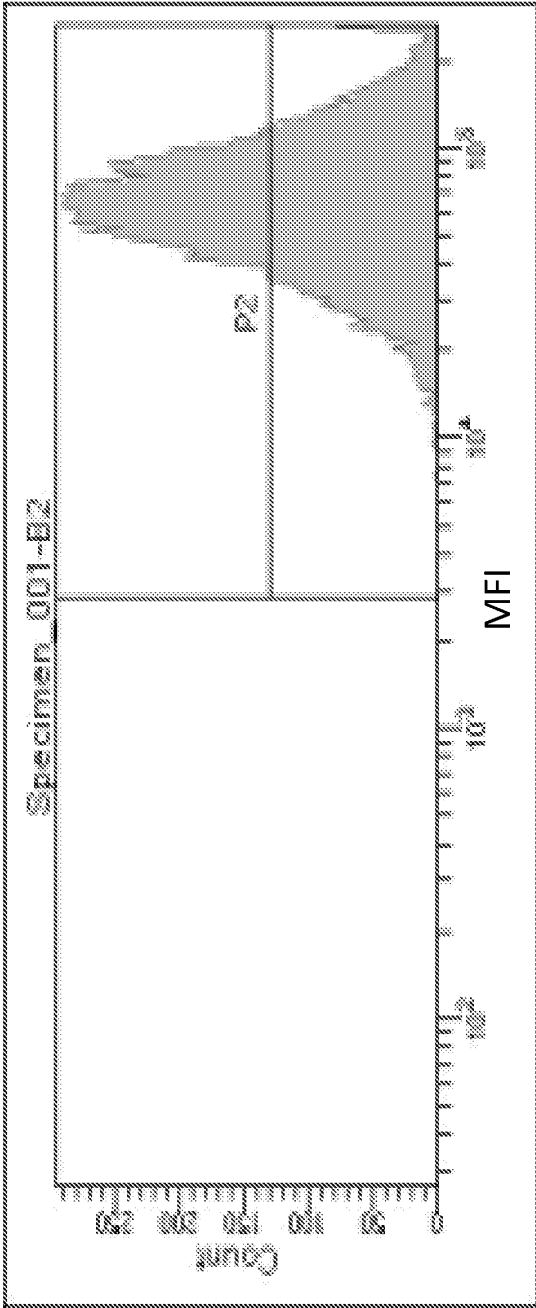


FIG. 12C

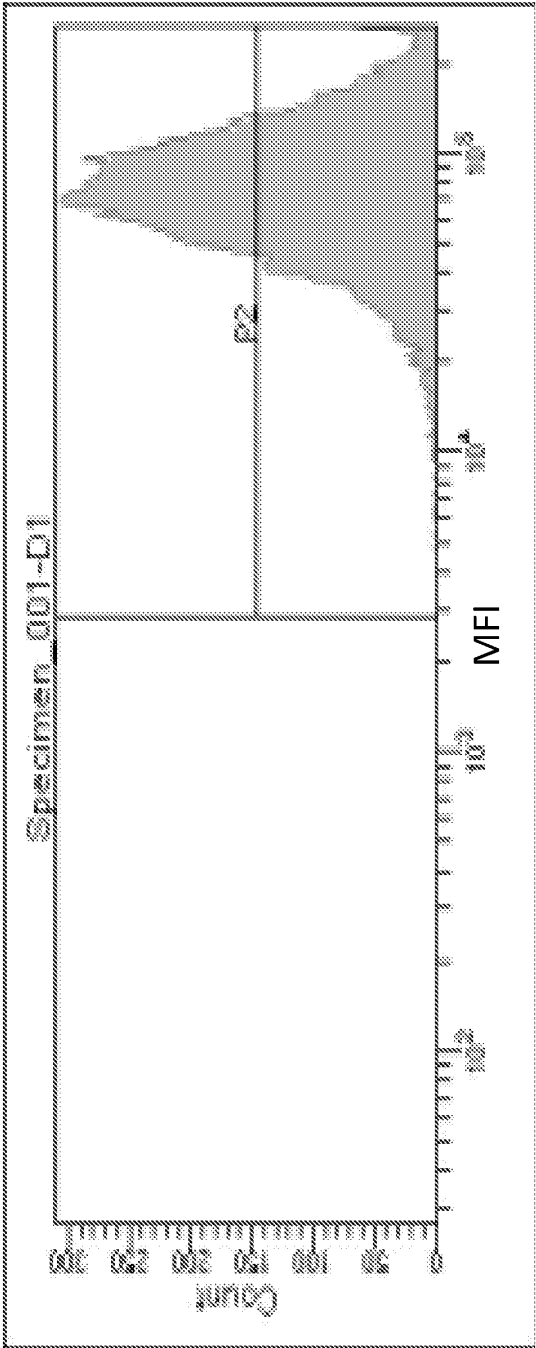


FIG. 12D

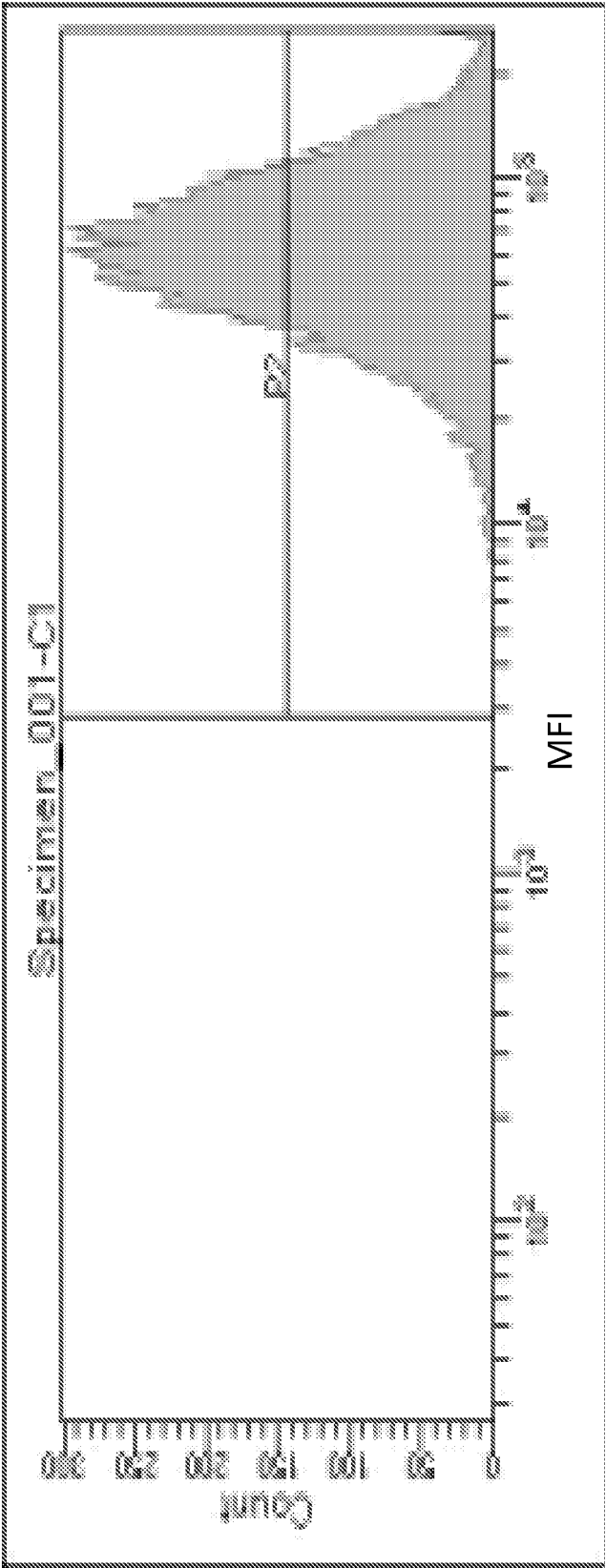


FIG. 12E

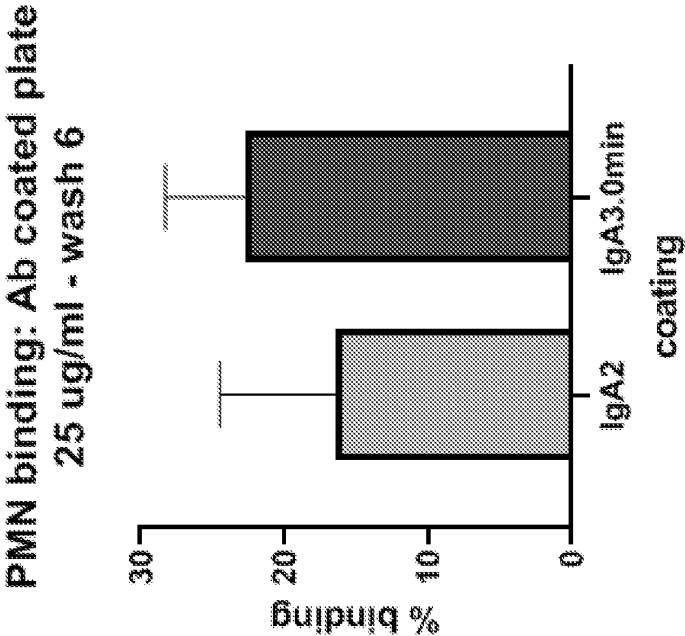


FIG. 13

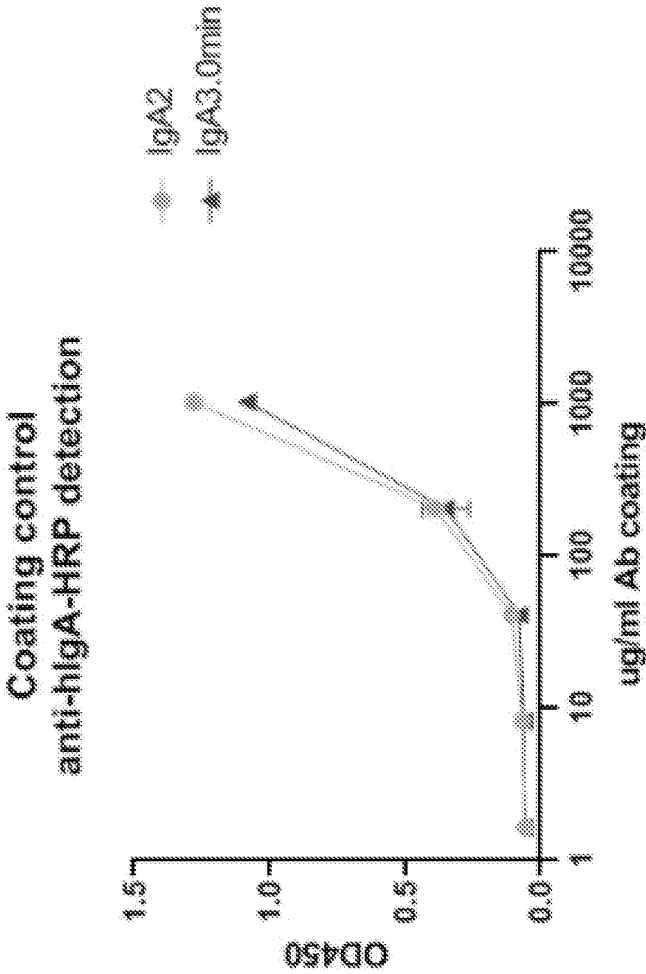


FIG. 14

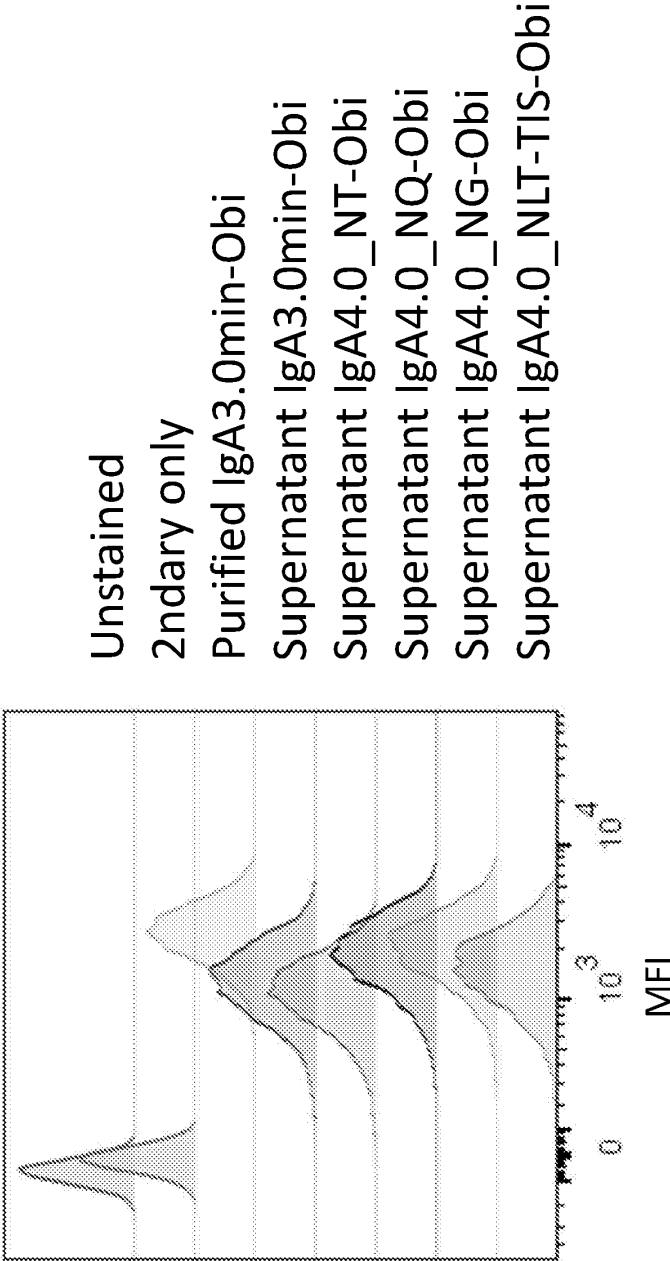


FIG. 15

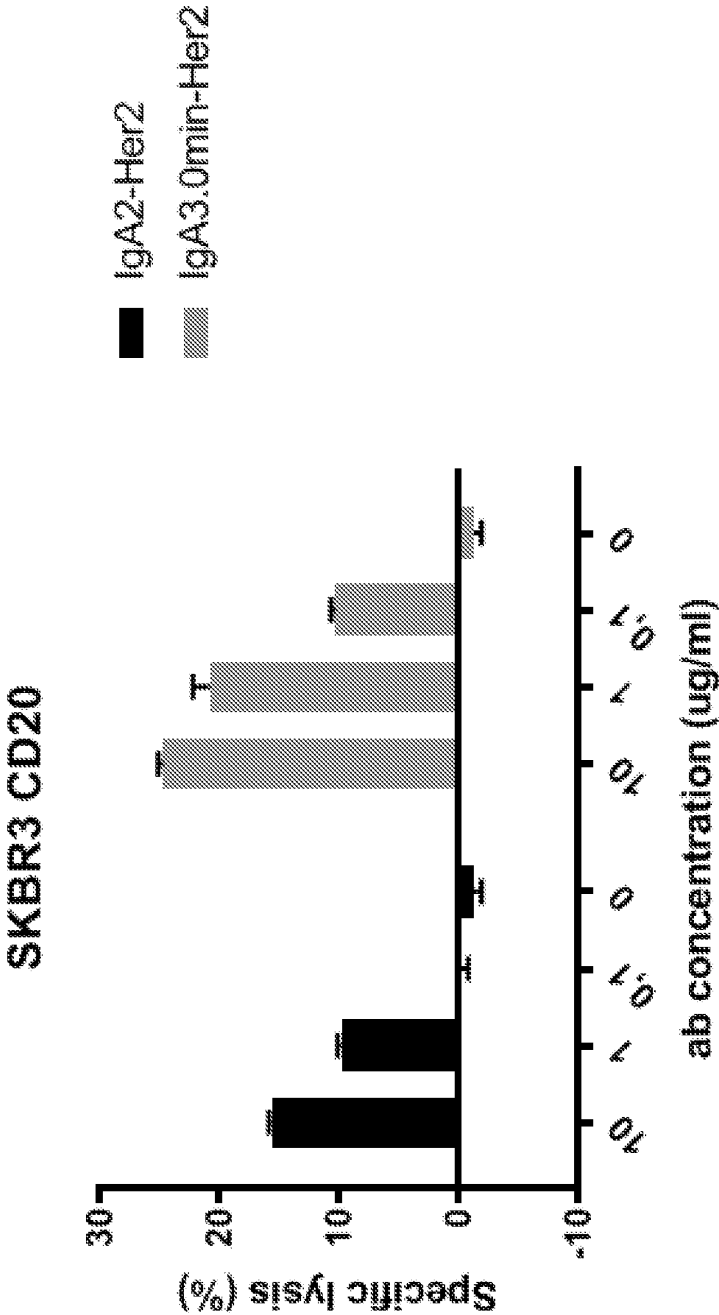


FIG. 16A

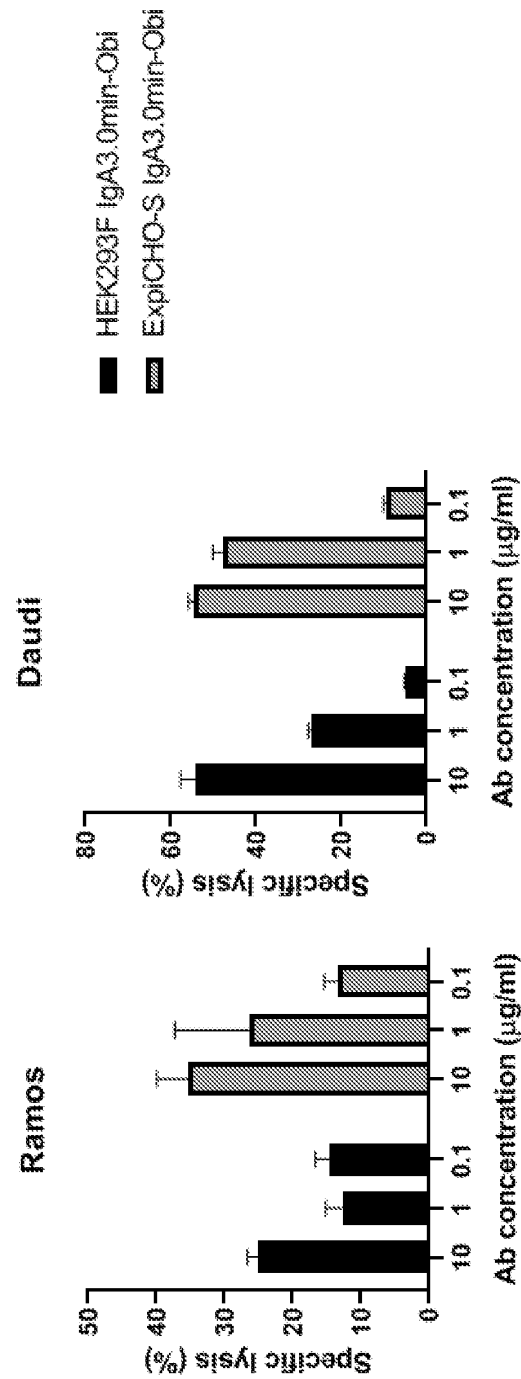
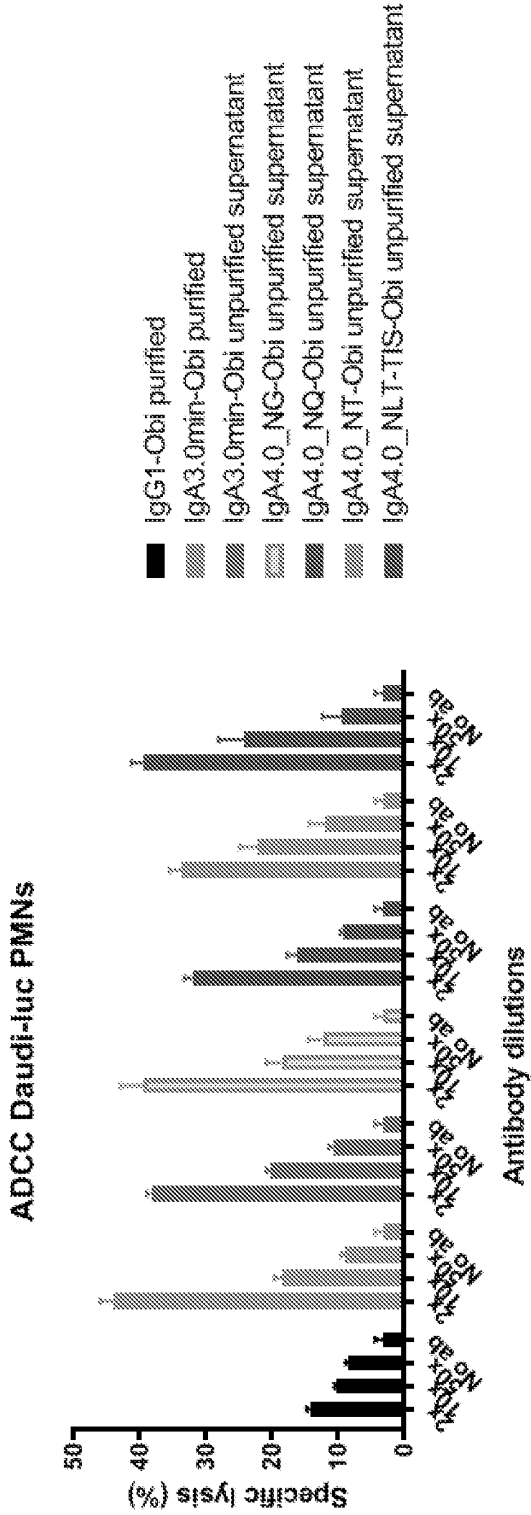


FIG. 16B

FIG. 16C



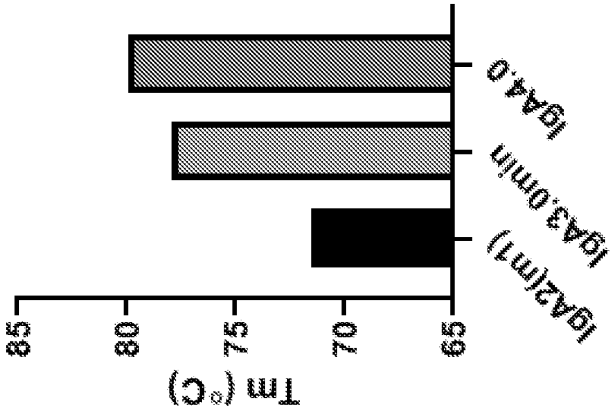


FIG. 17B

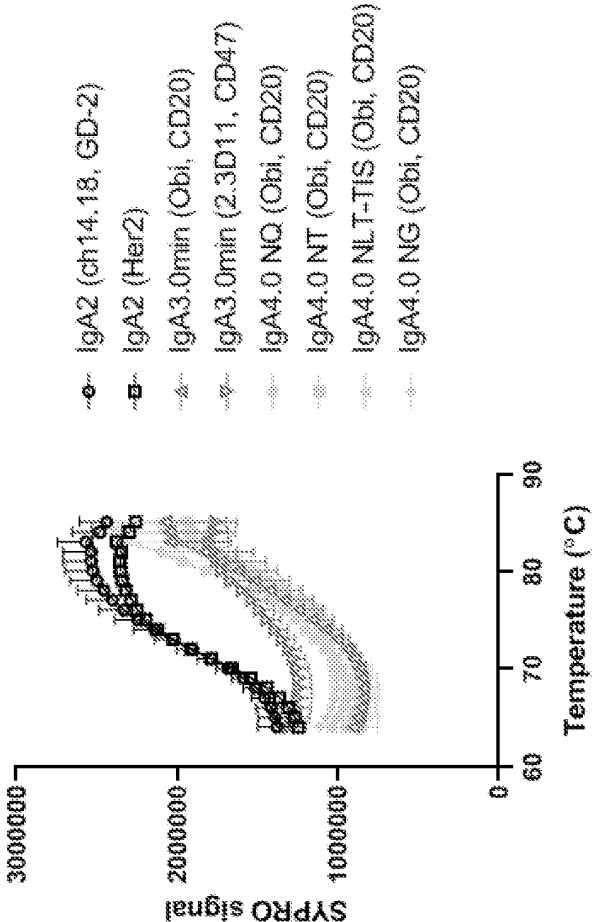


FIG. 17A

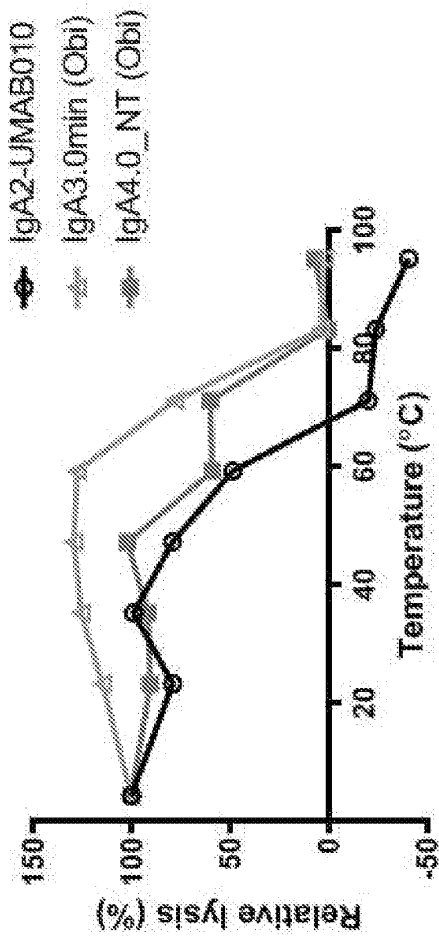


FIG. 17C

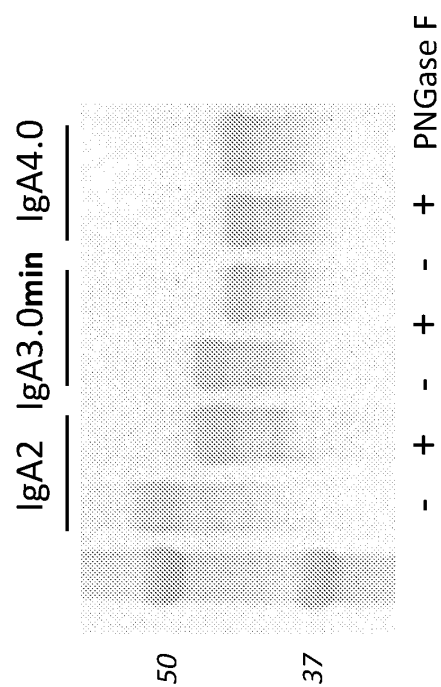


FIG. 18

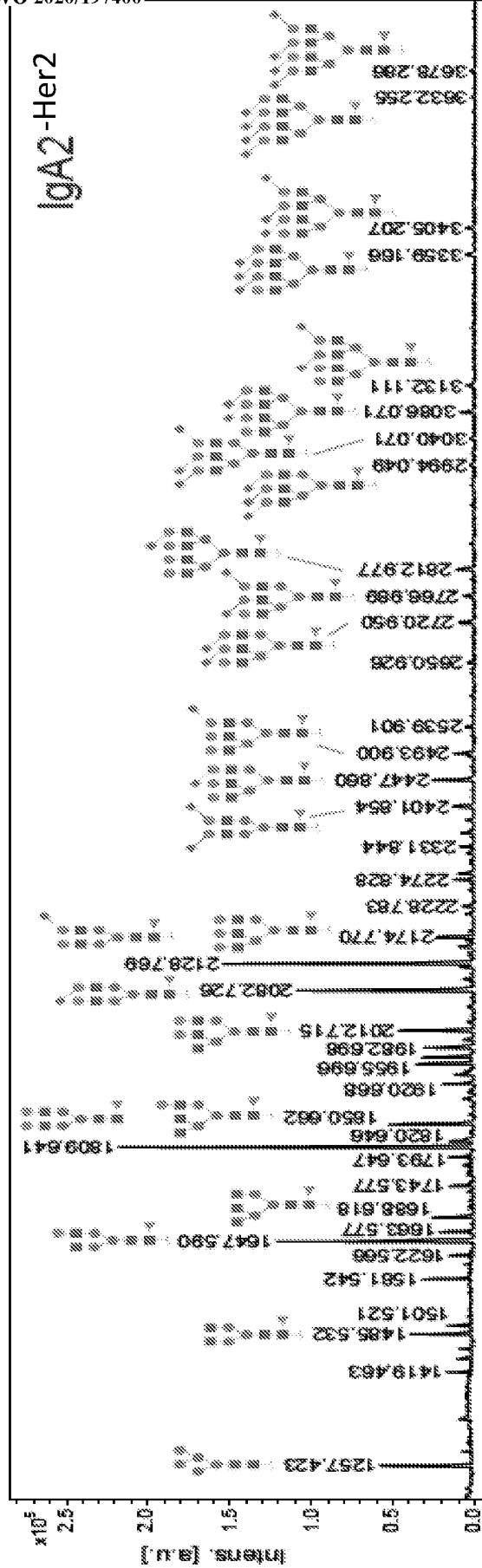


FIG. 19A

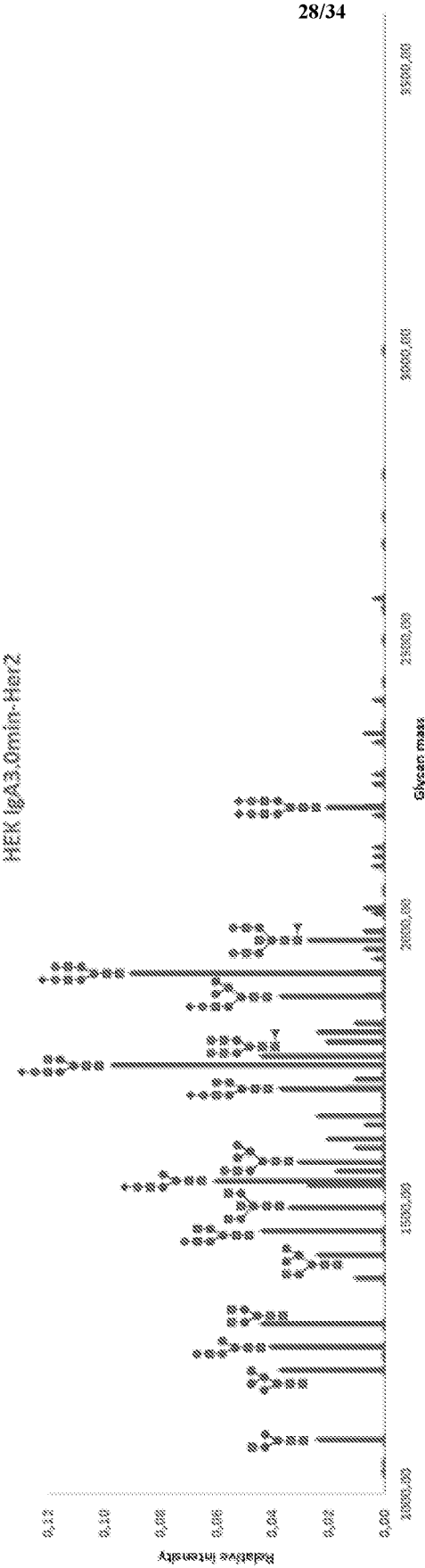


FIG. 19B

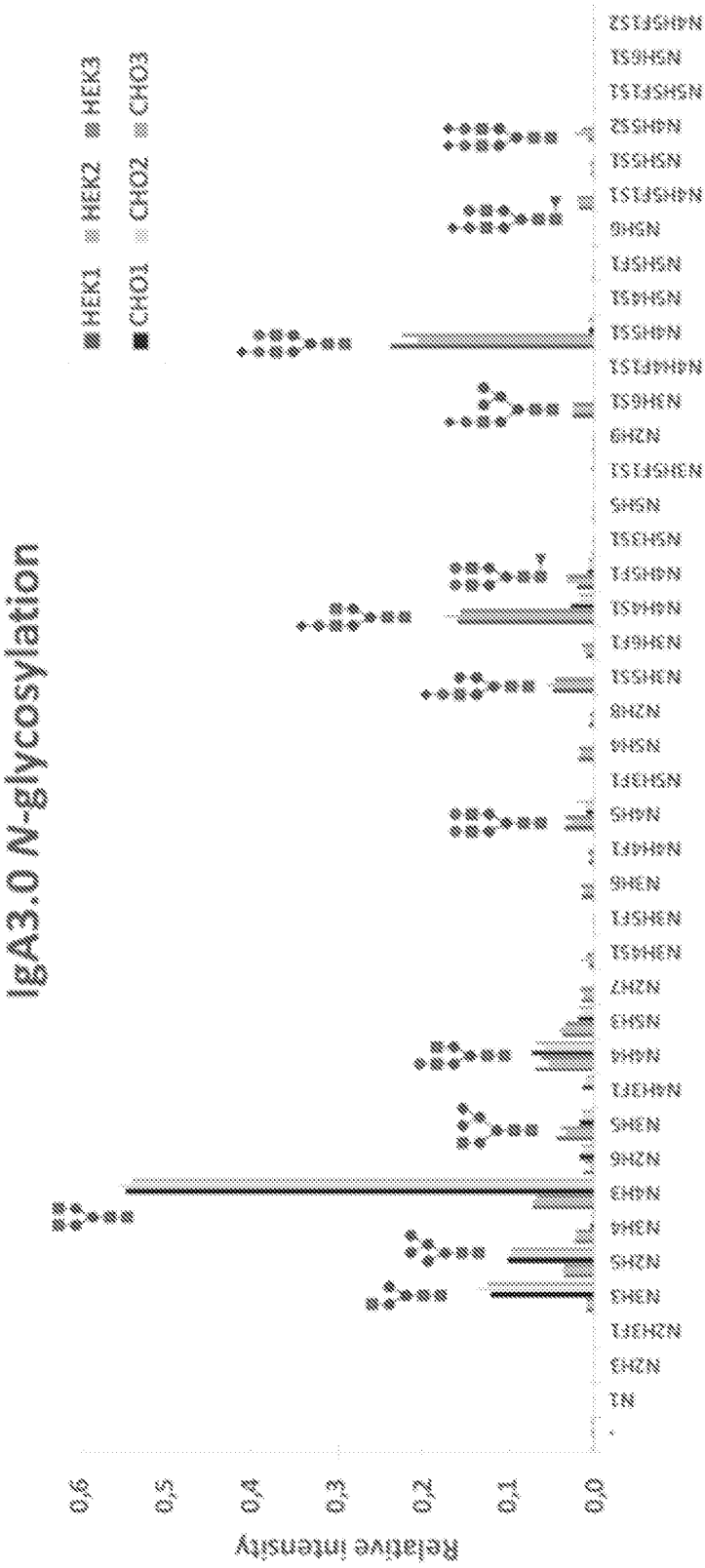


FIG. 19C

IgA4.0-NQ

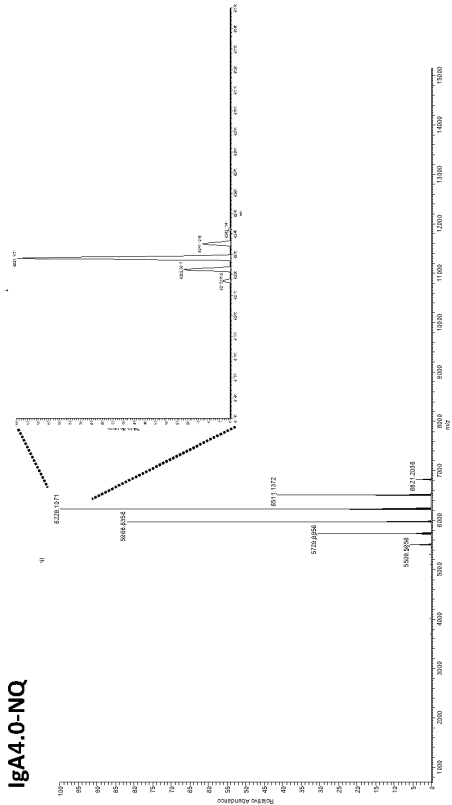


FIG. 19E

IgA4.0-NLT-TIS

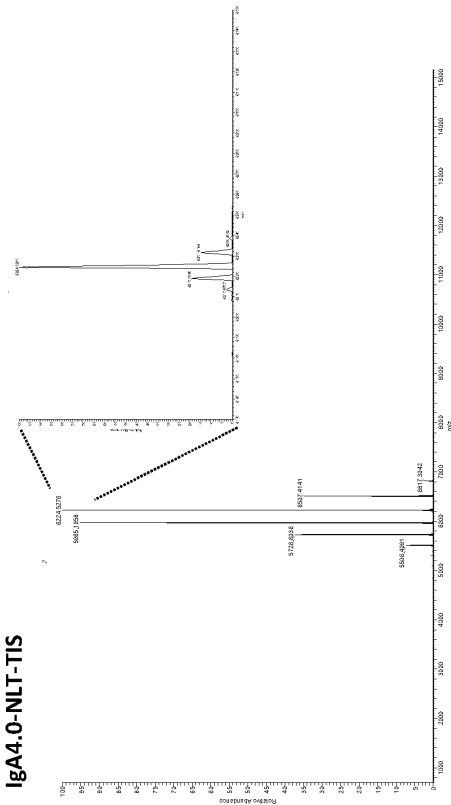


FIG. 19G

IgA4.0-NG

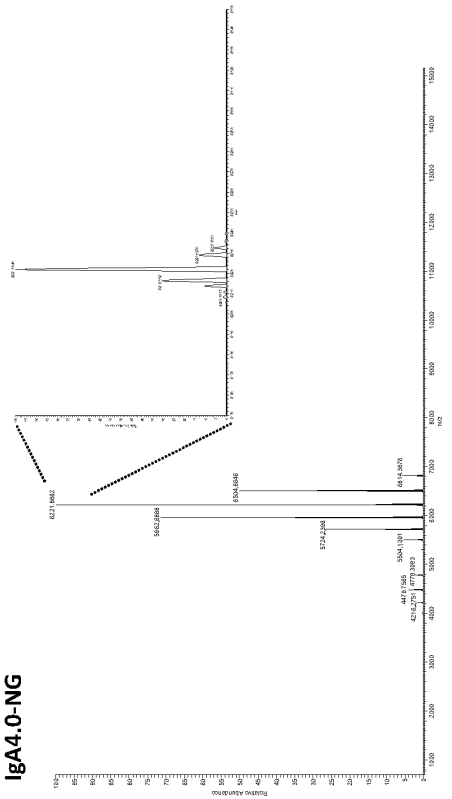


FIG. 19D

IgA4.0-NT

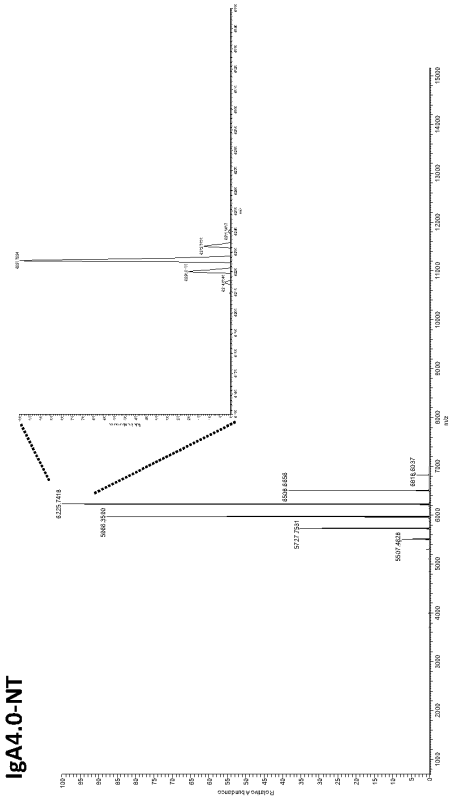


FIG. 19F

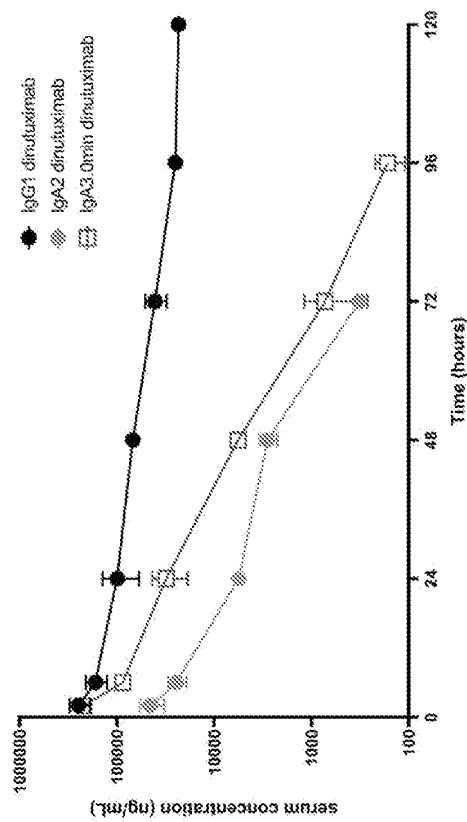


FIG. 20A

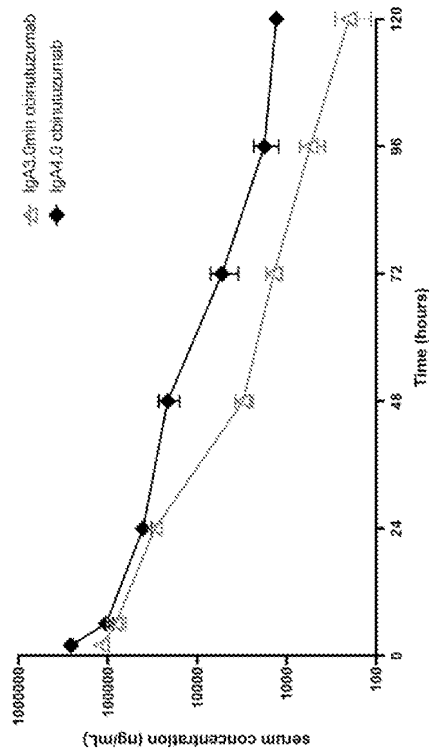
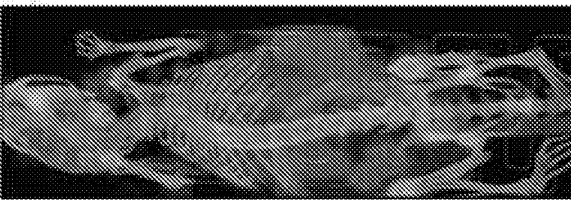
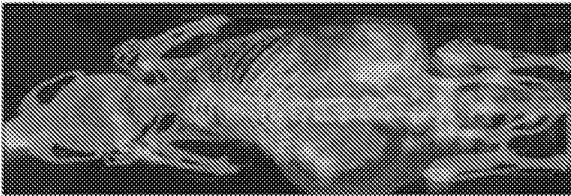


FIG. 20B

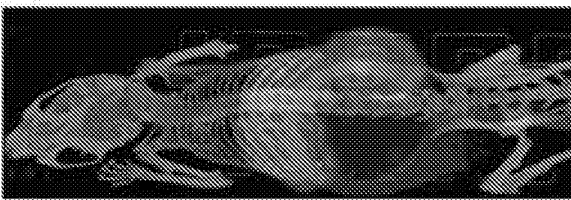
M10_799777_24h
IgG



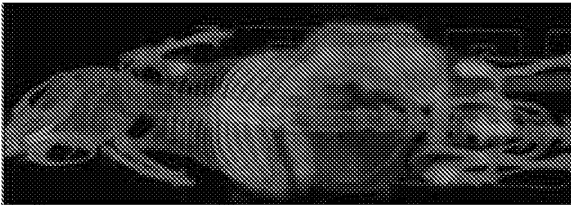
M1_799776_24h
IgG



M8_810605_24h
IgA



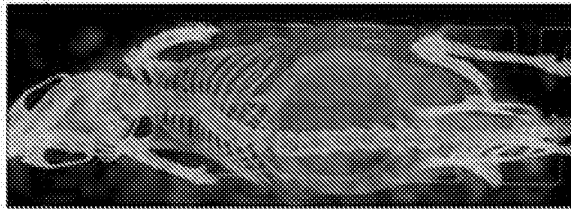
M1_810607_24h
IgA



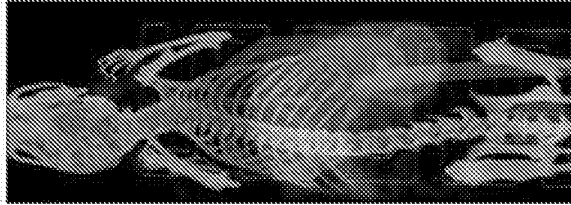
M10_799777_48h



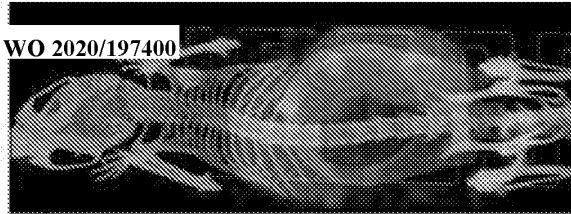
M1_799776_48h



M8_810605_48h



M9_810607_48h



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FIG. 21A

FIG. 21B

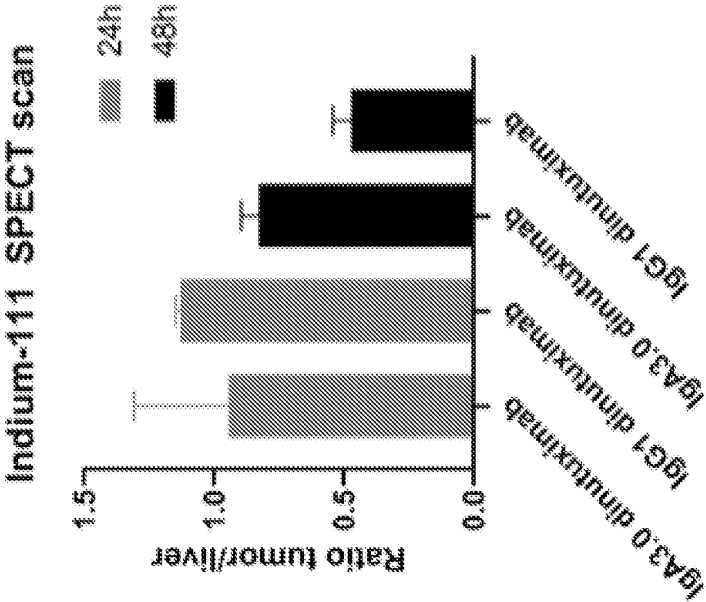


FIG. 22

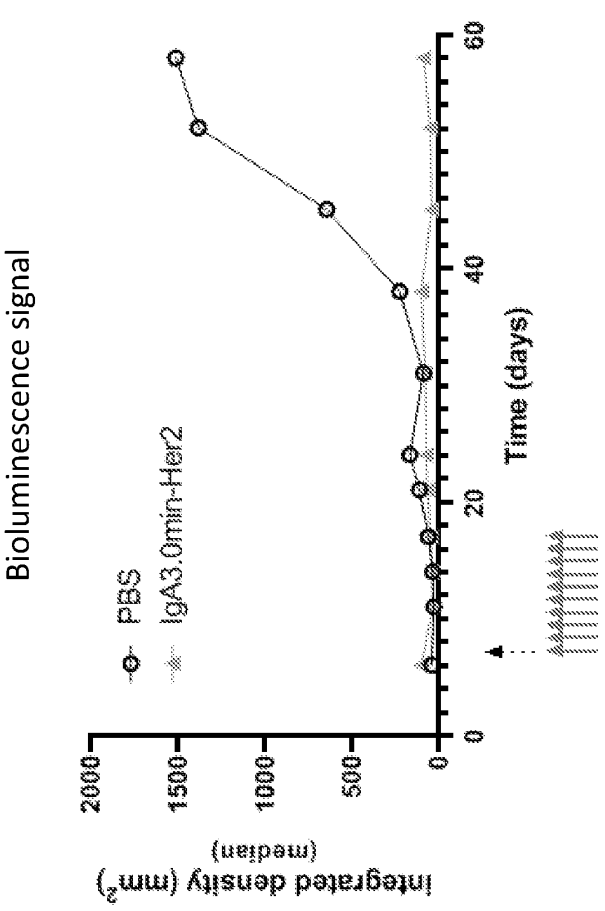


FIG. 23