

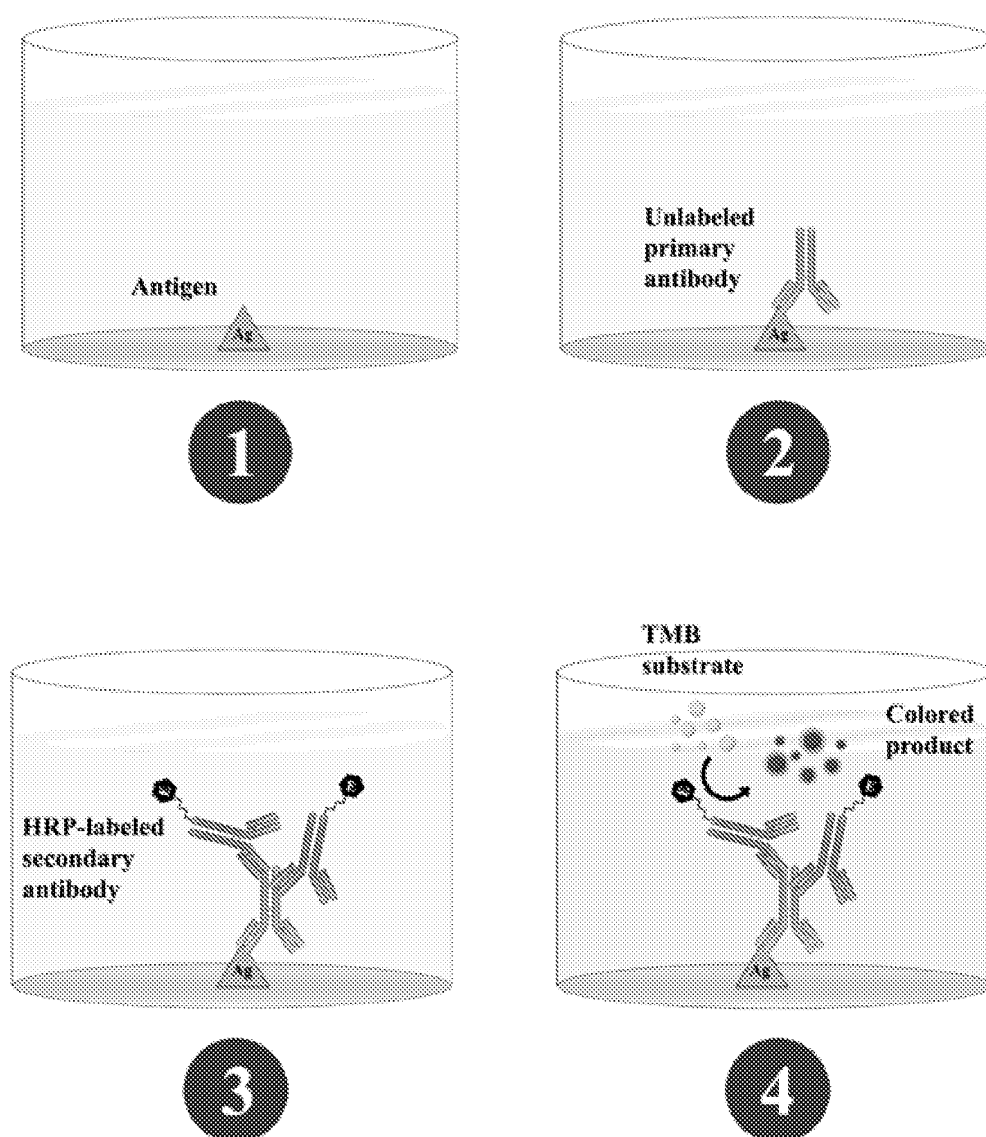


FIG. 1

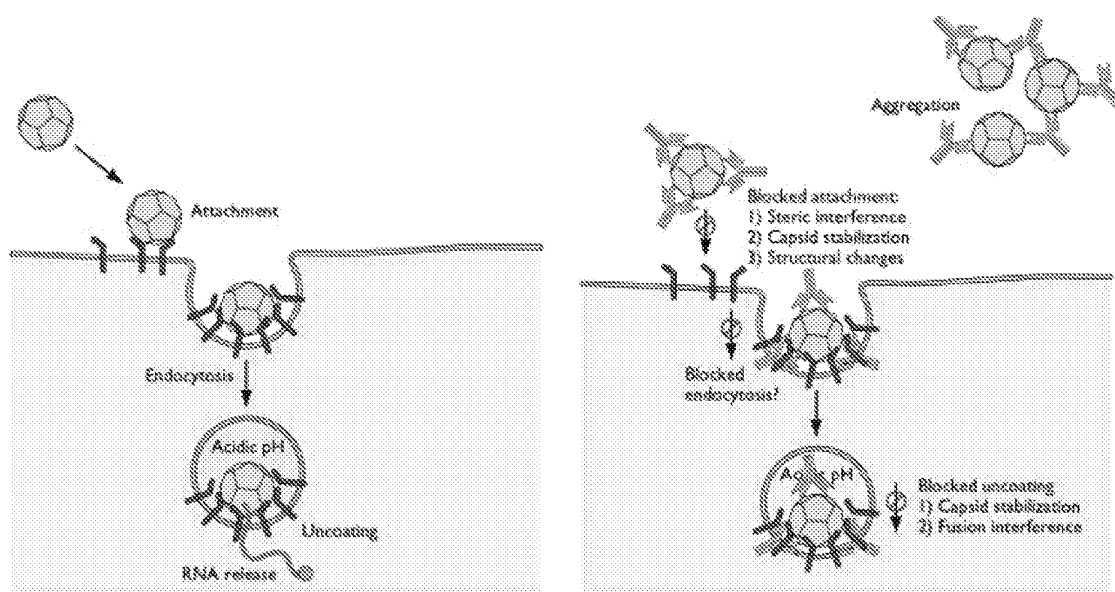


FIG. 2A

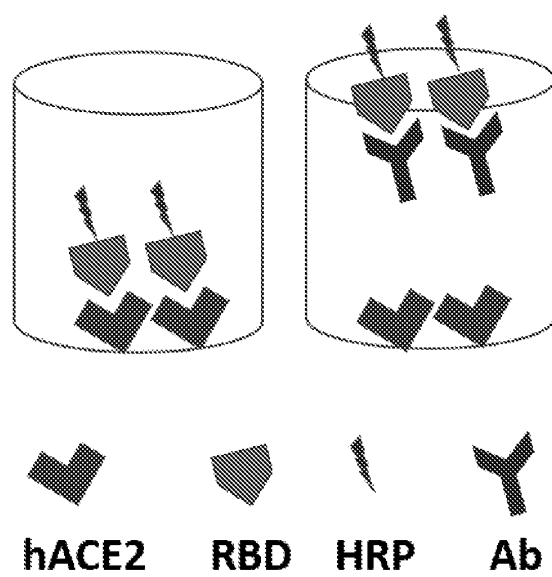


FIG. 2B

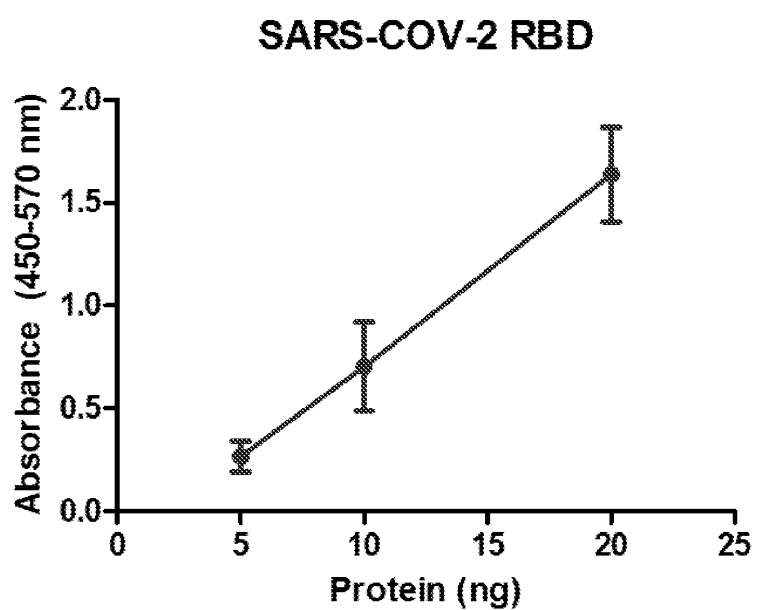


FIG. 3A

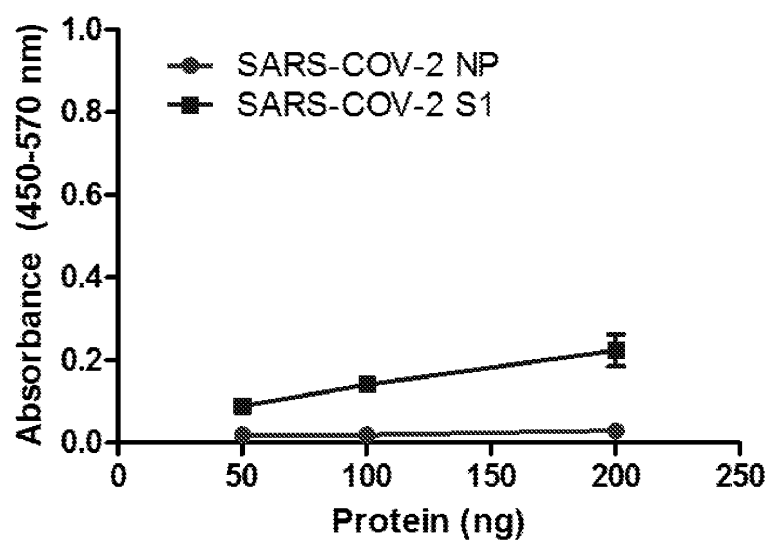


FIG. 3B

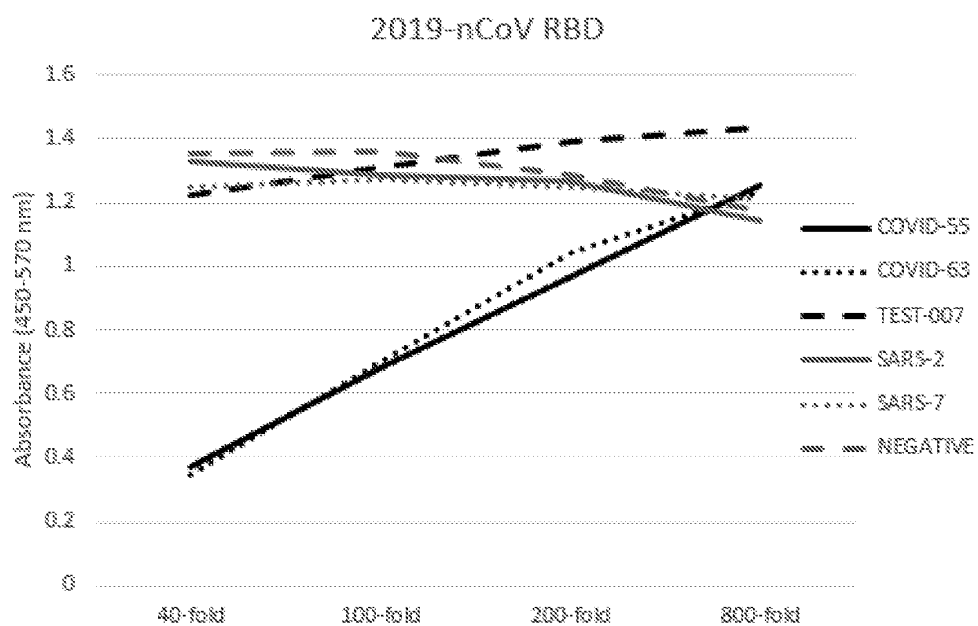


FIG. 4A

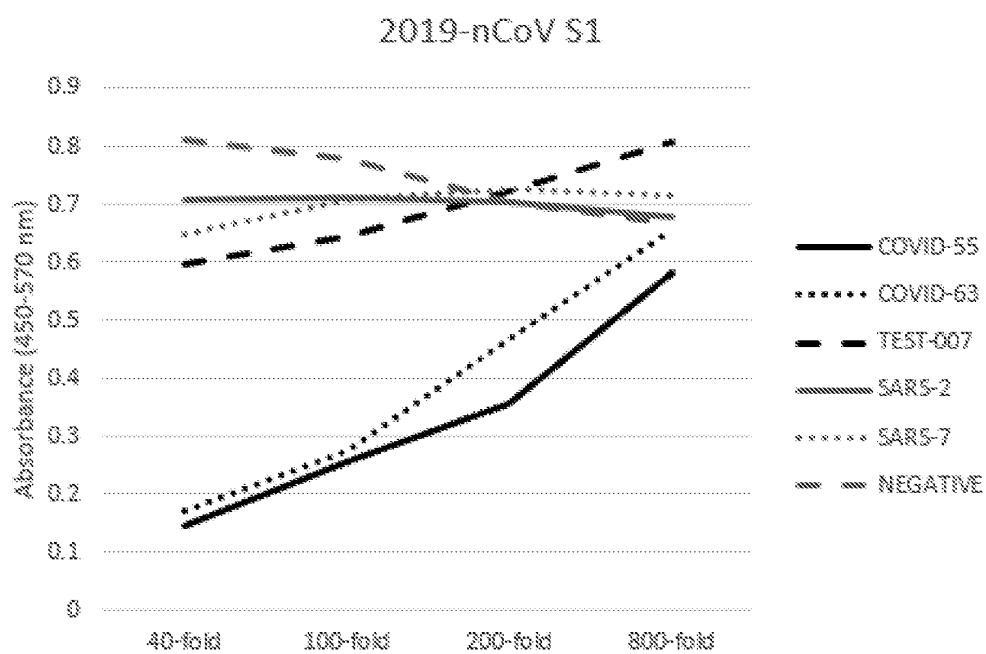


FIG. 4B

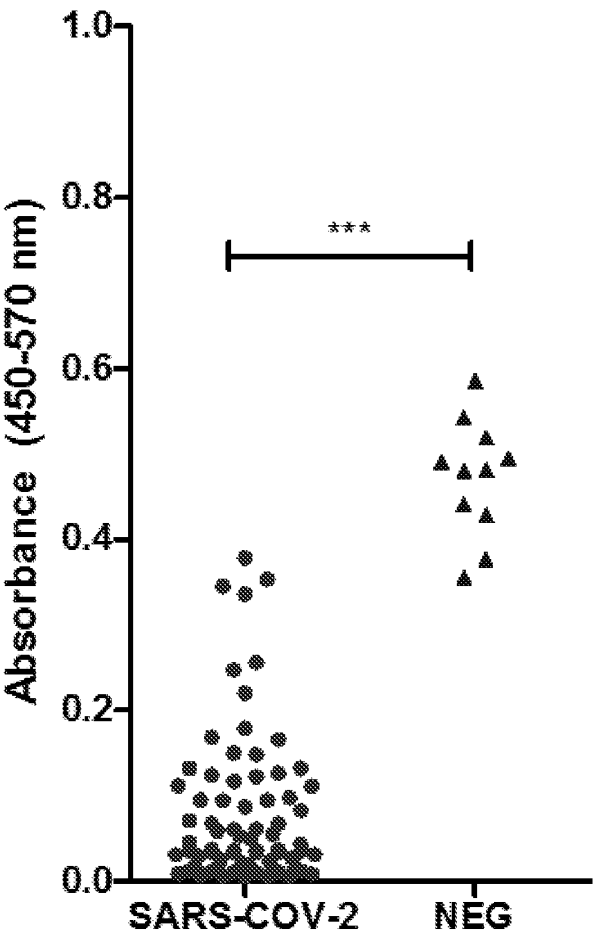


FIG. 5

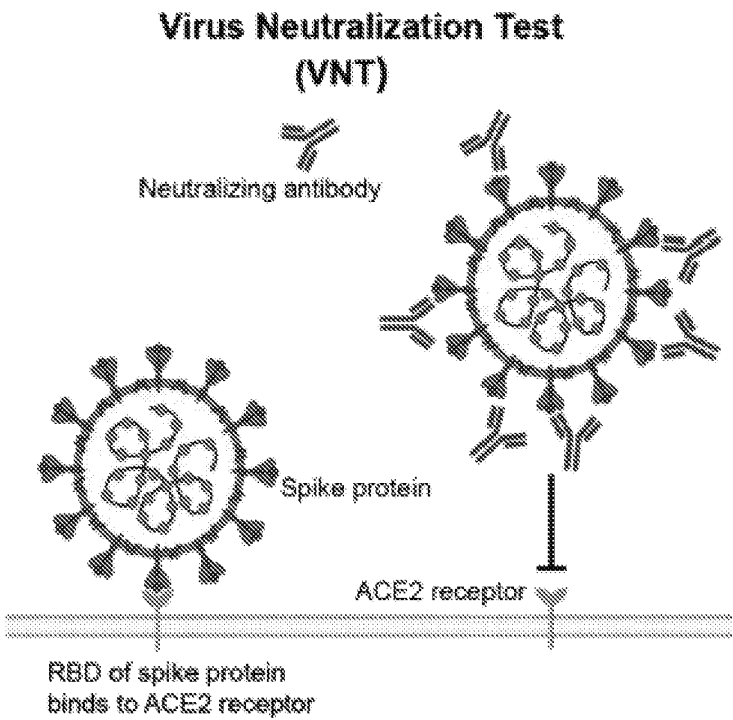


FIG. 6A

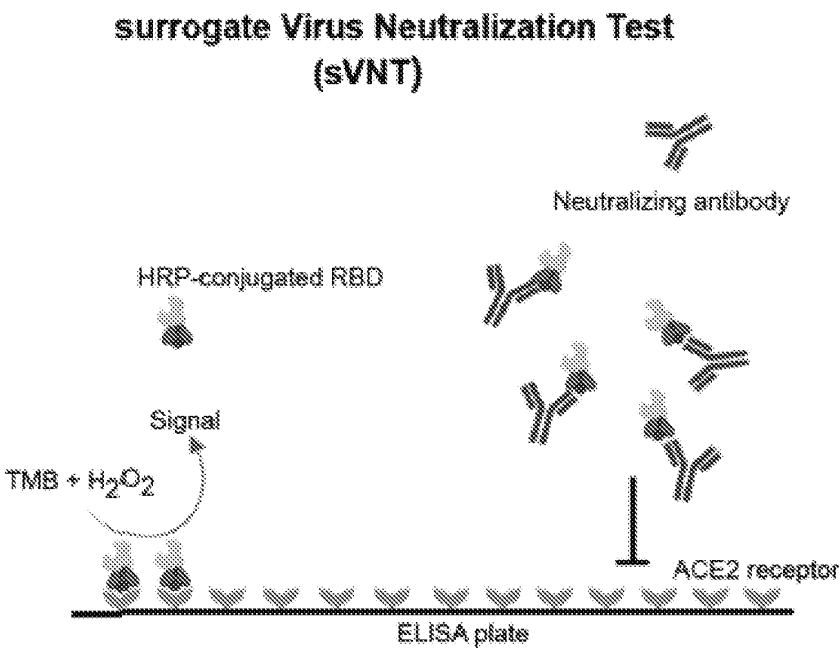


FIG. 6B

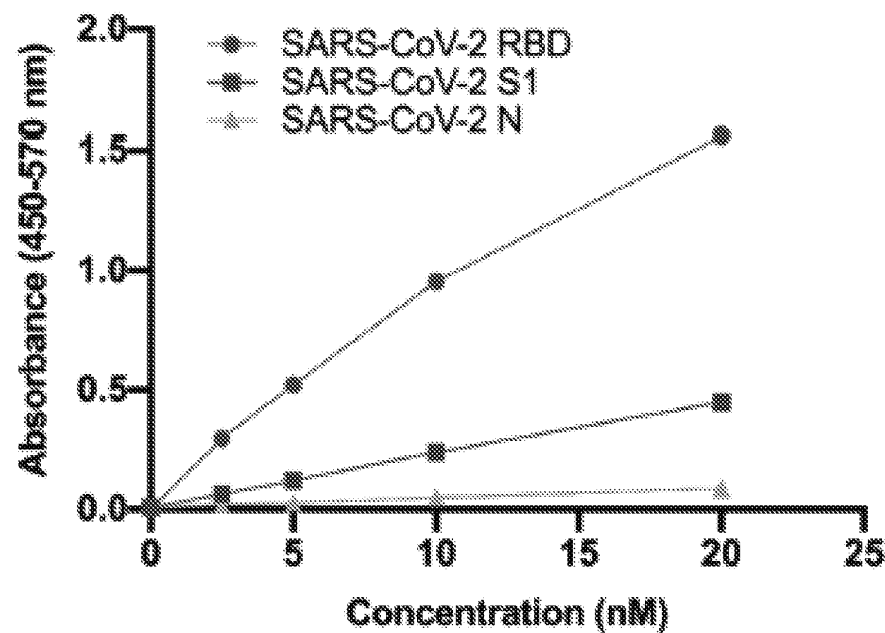


FIG. 6C

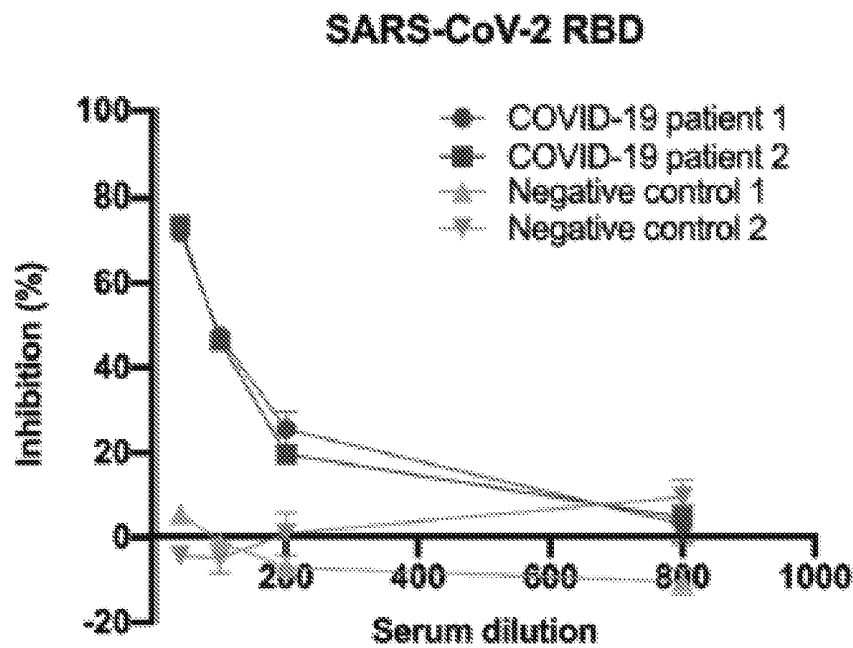


FIG. 6D

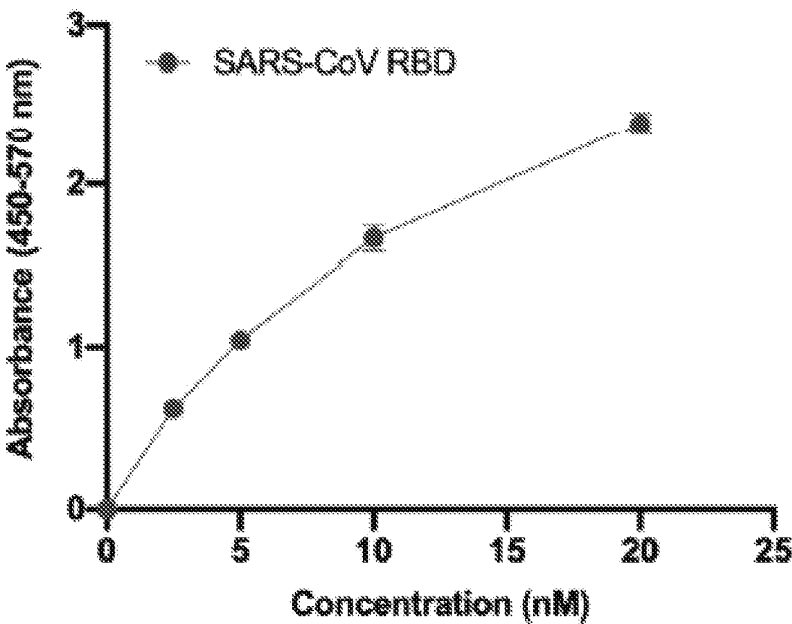


FIG. 6E

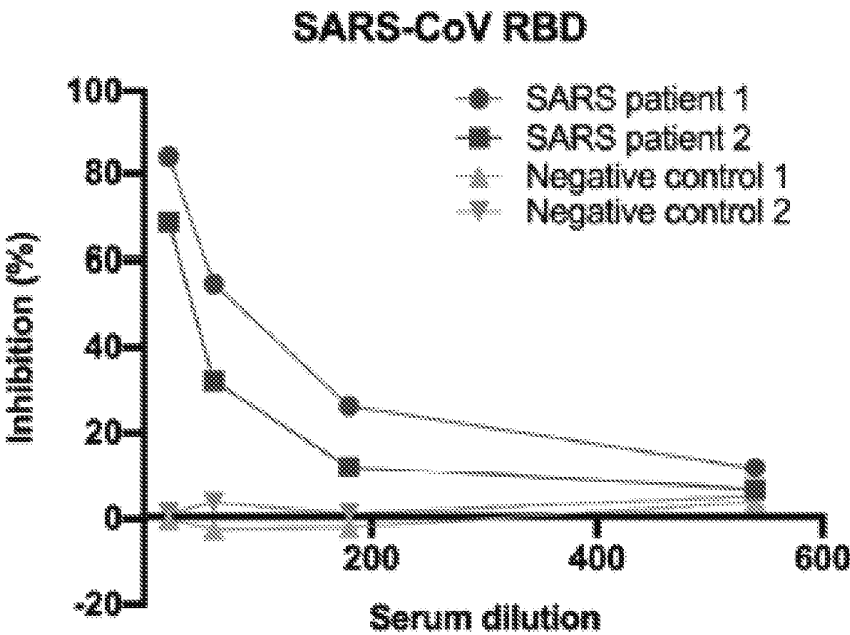


FIG. 6F

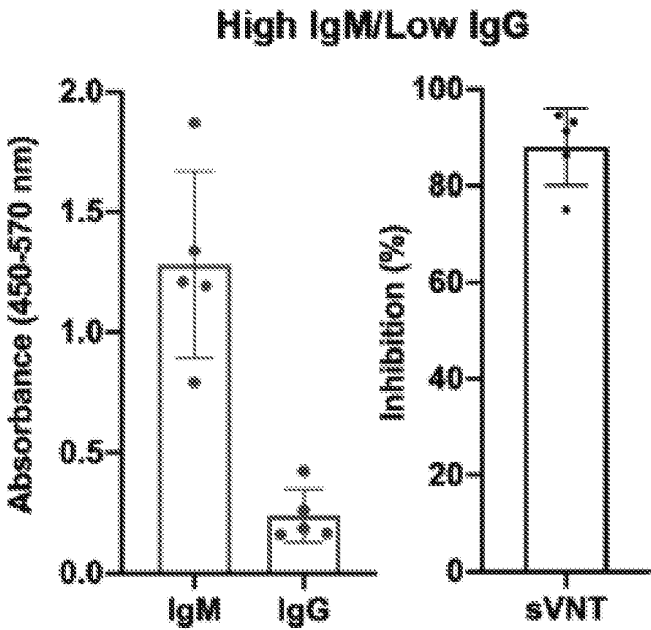


FIG. 7A

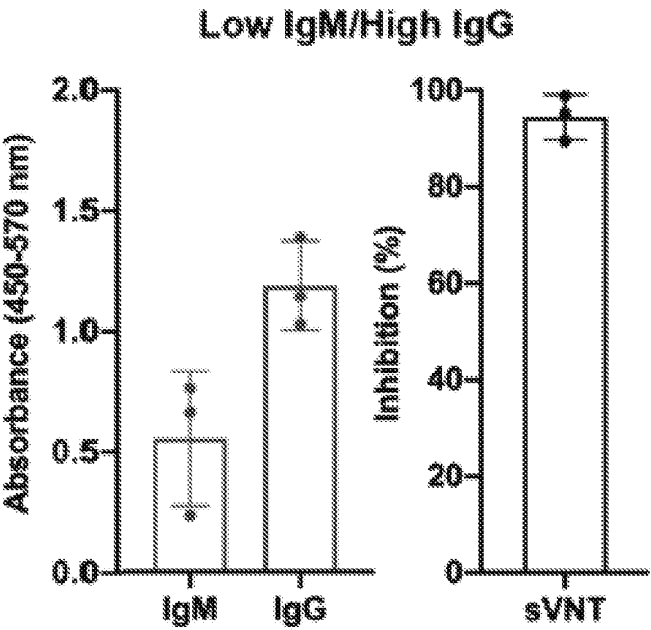


FIG. 7B

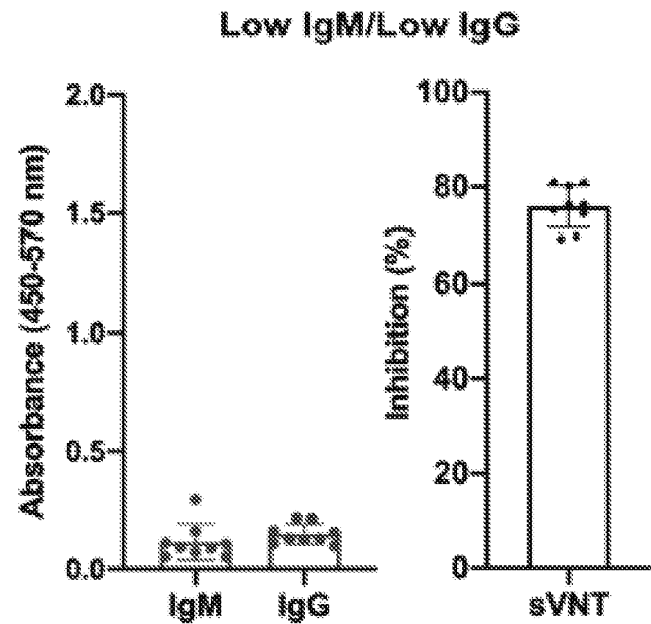


FIG. 7C

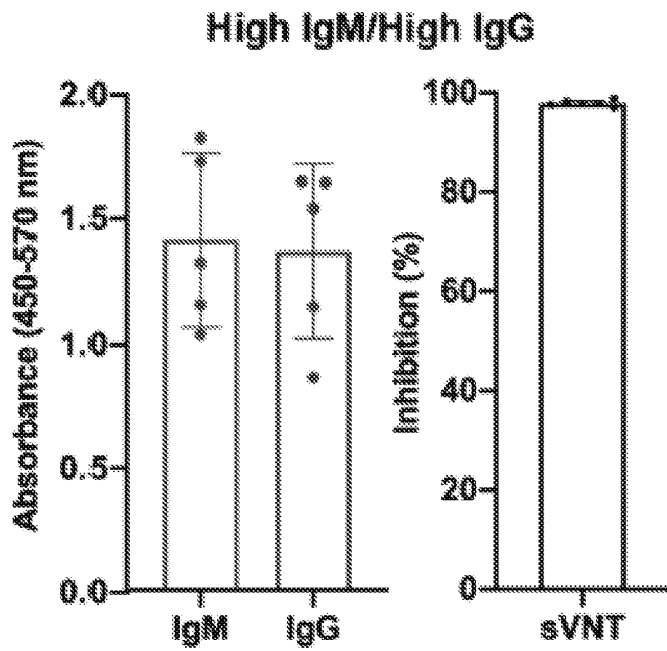


FIG. 7D

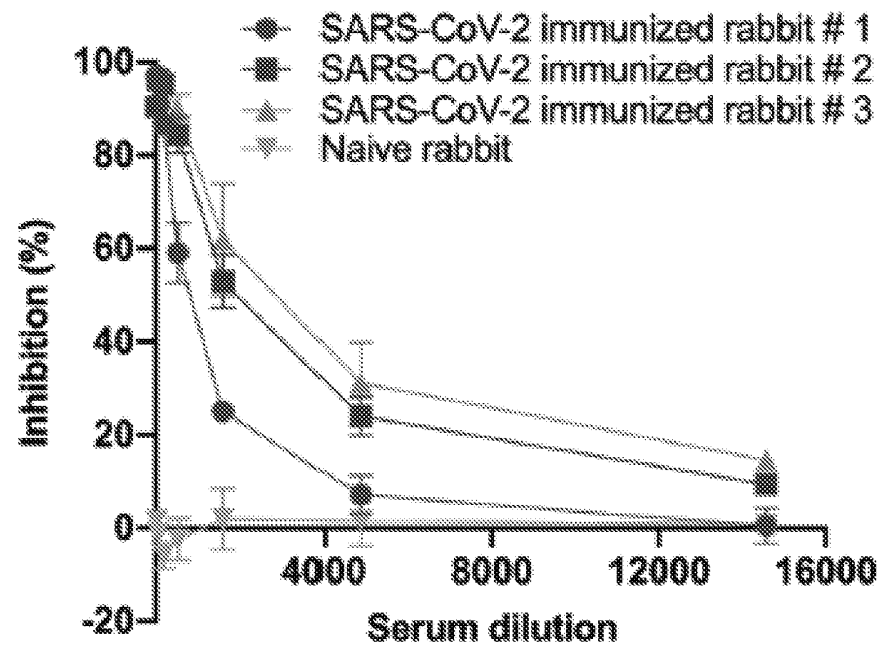


FIG. 8A

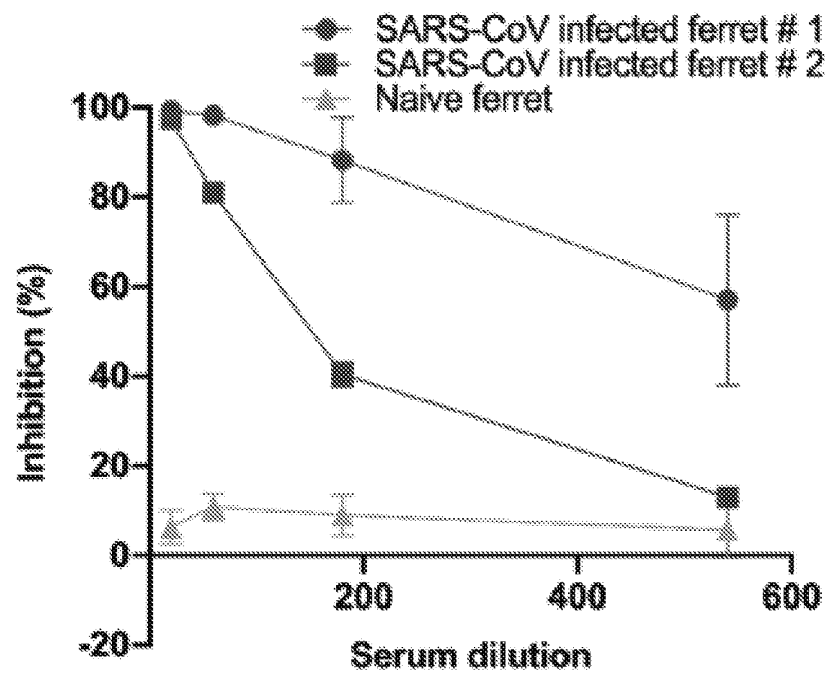


FIG. 8B

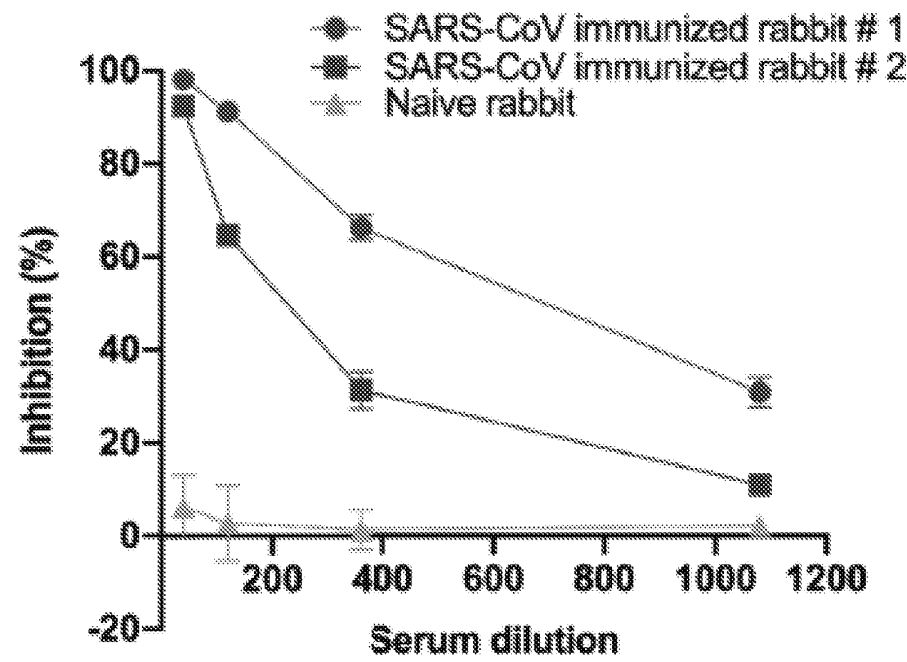


FIG. 8C

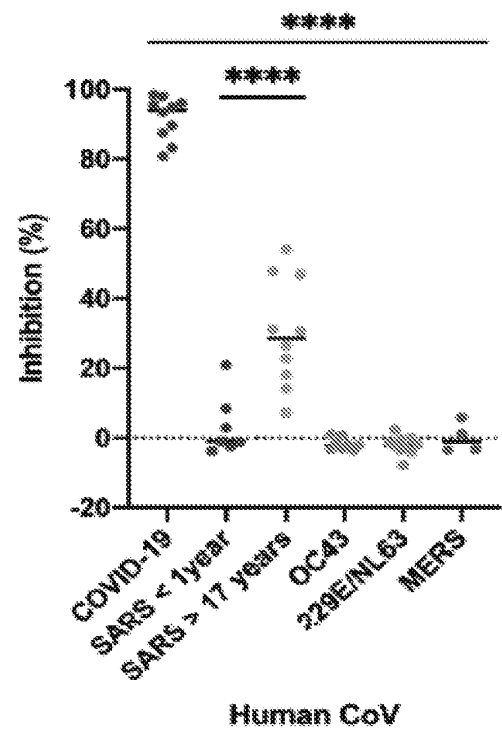


FIG. 8D

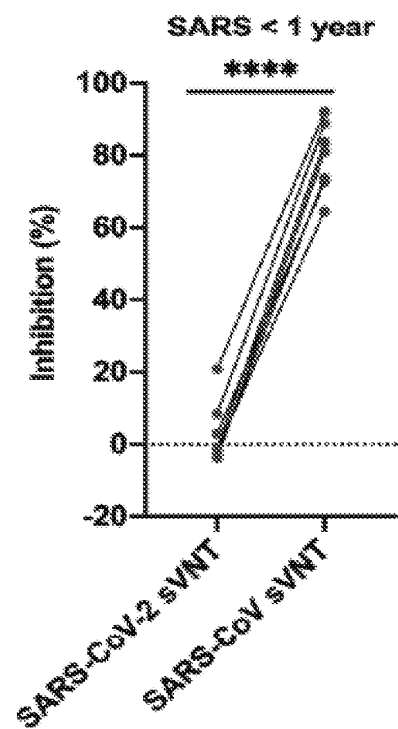


FIG. 8E

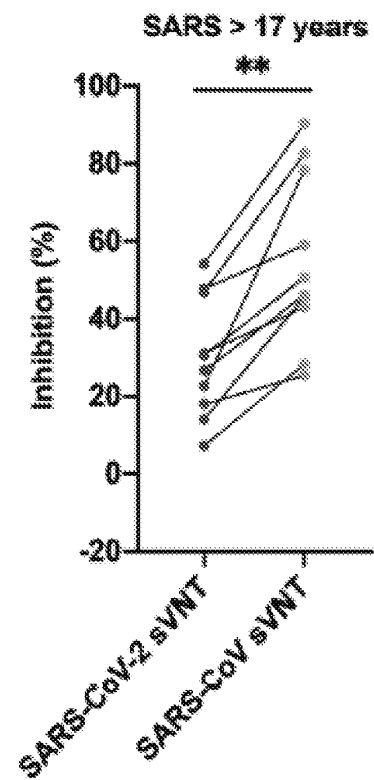


FIG. 8F

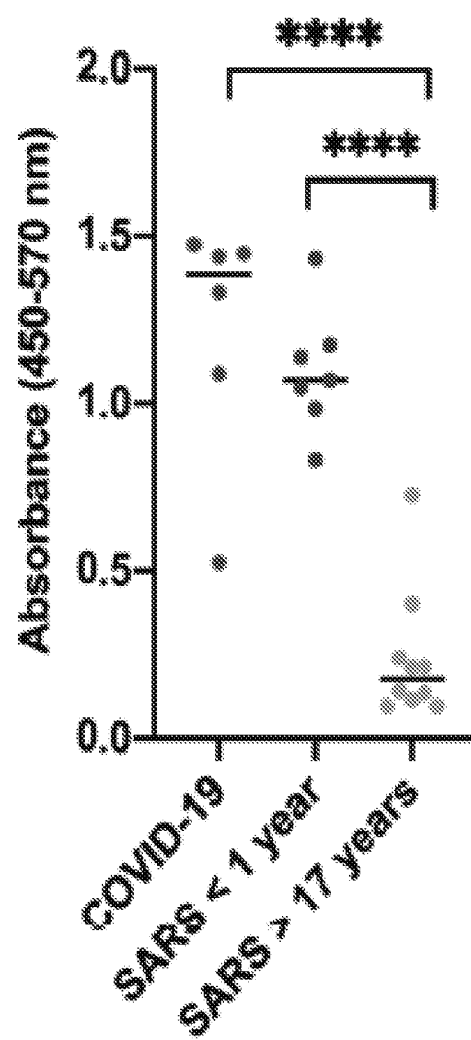


FIG. 8G

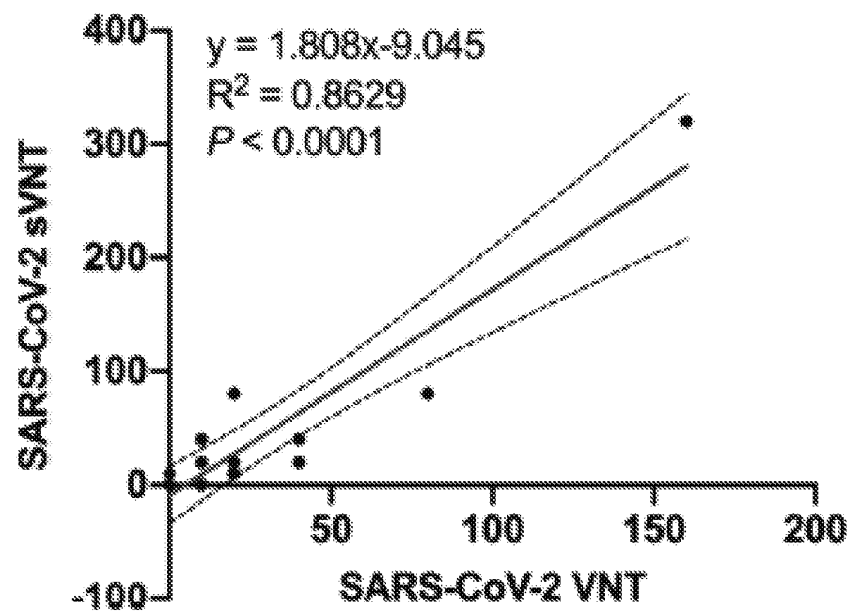


FIG. 9A

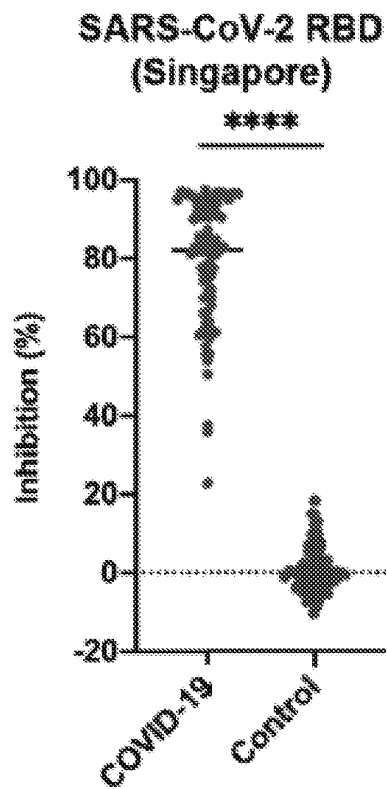


FIG. 9B

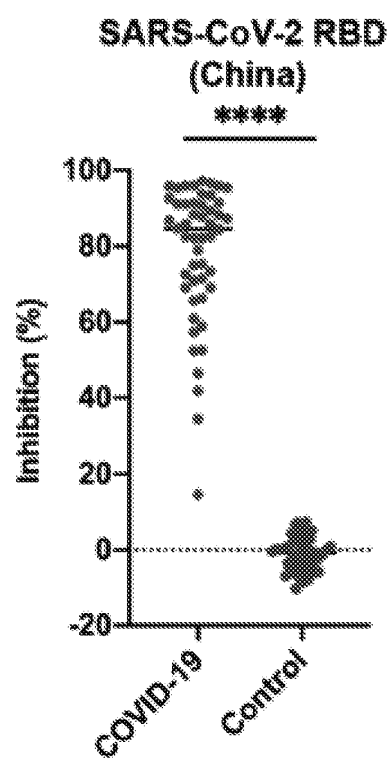


FIG. 9C

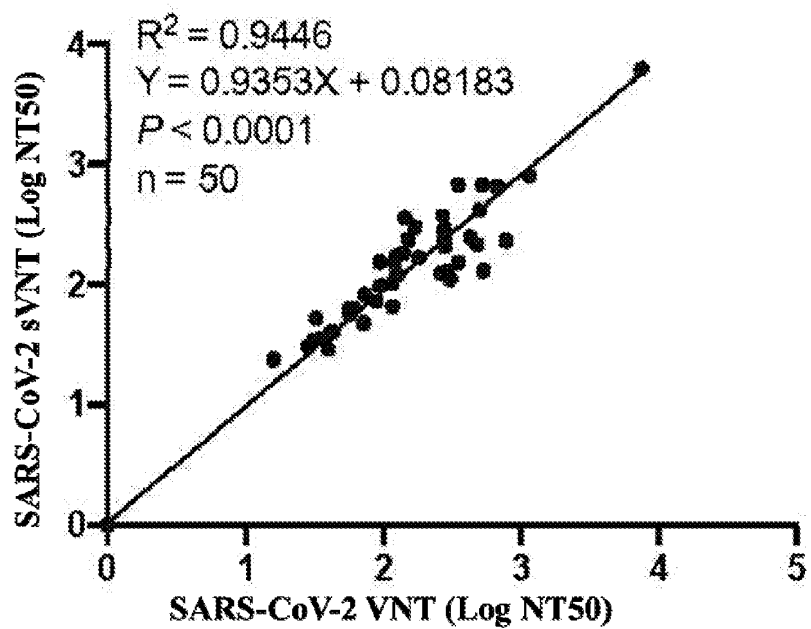


FIG. 9D

Sample	VNT	sVNT			
		90%	70%	50%	30%
COVID-19 Patient-1	<10	<10	10	20	40
COVID-19 Patient-2	40	20	40	80	320
COVID-19 Patient-3	20	<10	20	40	80
COVID-19 Patient-4	10	<10	<10	10	20
COVID-19 Patient-5	20	10	20	40	80
COVID-19 Patient-6	<10	<10	<10	10	20
COVID-19 Patient-7	40	<10	20	40	80
COVID-19 Patient-8	10	<10	20	40	80
COVID-19 Patient-9	20	10	20	40	80
COVID-19 Patient-10	10	10	40	80	160
COVID-19 Patient-11	20	20	80	160	640
COVID-19 Patient-12	80	20	80	160	640
COVID-19 Patient-13	160	160	320	640	1280
Negative Control-1	<10	<10	<10	<10	<10
Negative Control-2	<10	<10	<10	<10	<10

FIG. 10

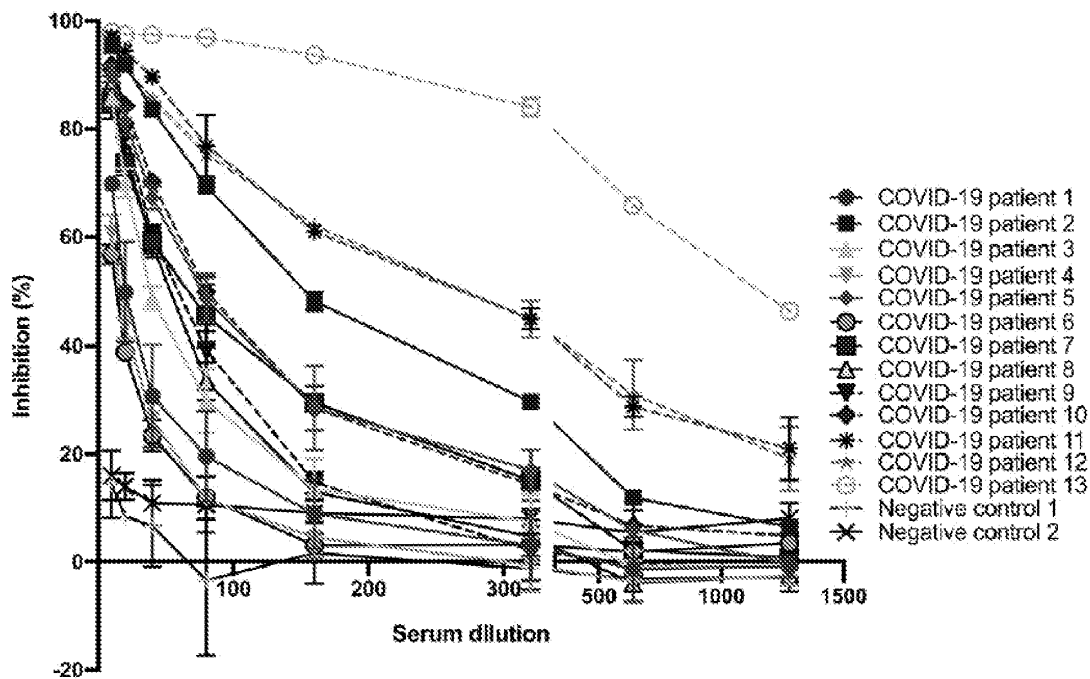


FIG. 11

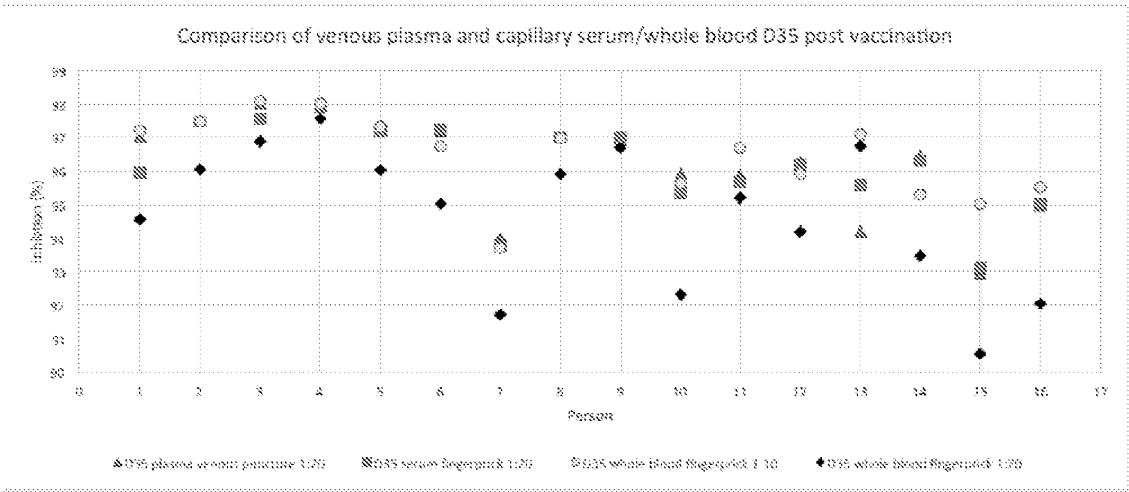


FIG. 12

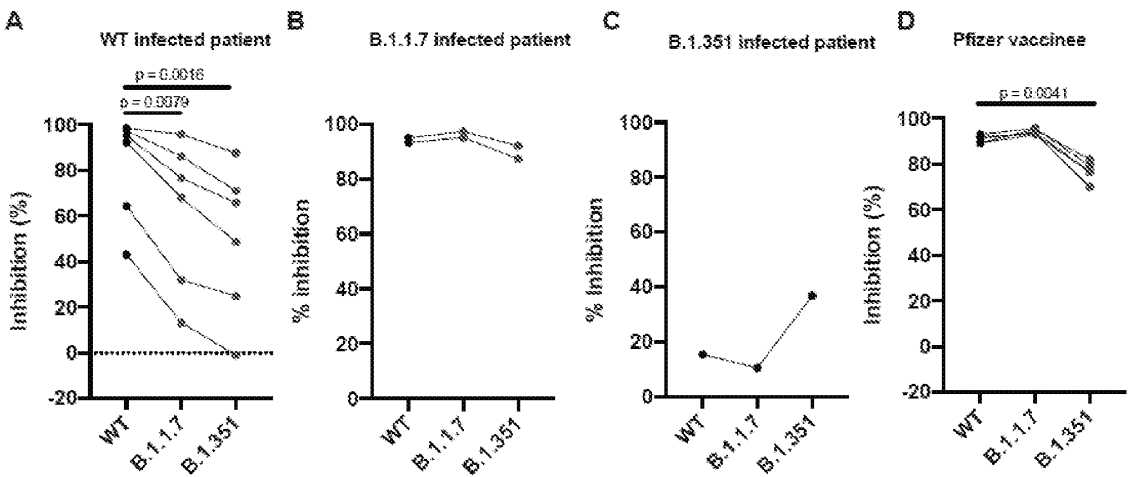


FIG. 13