

	CDR H1										CDR H2									
	10	20	30	40	50	60														
BA-087-05-19-VH	EVQLVESGGGLVQPGGSLRLSCAAS	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-08-32-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-01-07-VH	EVQLVESGGGLVQPGGSLRLSCAAS	GFTFSHYTME	WVRQATGQGLEWVG	FISYHGNNKYYADSVKG																
BA-087-01-09-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQARGQRLWVG	FIDYHGNNKYYADSVKG																
BA-087-03-03-VH	QVQLVQSGAEVKKPGASVKVSKAS	GFTFSHYTME	WVRQPPGKLEWIG	FISYDGNKYYADSVKG																
BA-087-03-04-VH	QVQLVQSGAEVKKPGASVKVSKAS	GFTFSHYTME	WVRQPPGKLEWIG	FISYDGNKYYADSVKG																
BA-087-04-04-VH	EVQLVQSGAEVKKPGESLRISCKGSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYHGNNKYYADSVKG																
BA-087-04-07-VH	EVQLVQSGAEVKKPGESLRISCKGSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYHGNNKYYADSVKG																
BA-087-05-02-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-06-11-VH	QVQLQESGPGLVKPSQTLSTCTVSG	GFTFSHYTME	WVRQAPGQGLEWVG	FISYDGNKYYADSVKG																
BA-087-08-09-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-09-01-03-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-09-01-02-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-09-01-06-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-09-02-02-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																
BA-087-09-02-06-VH	EVQLVQSGAEVKKPGATVKISCKVSG	GFTFSHYTME	WVRQAPGKGLEWVS	FISYDGNKYYADSVKG																

CDR H3									
70	80	90	100	110					
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:8				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:10				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:12				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:14				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:16				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:18				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:20				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:22				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:24				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:26				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:28				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:30				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:32				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:34				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:36				
RFTISRDNKNTLYLQMNLSRAEDTAVYYCARTGWLGPFDYWGQGT	LT	TVSS			SEQ ID NO:38				

Fig. 1

CDR L3

FIG. 2

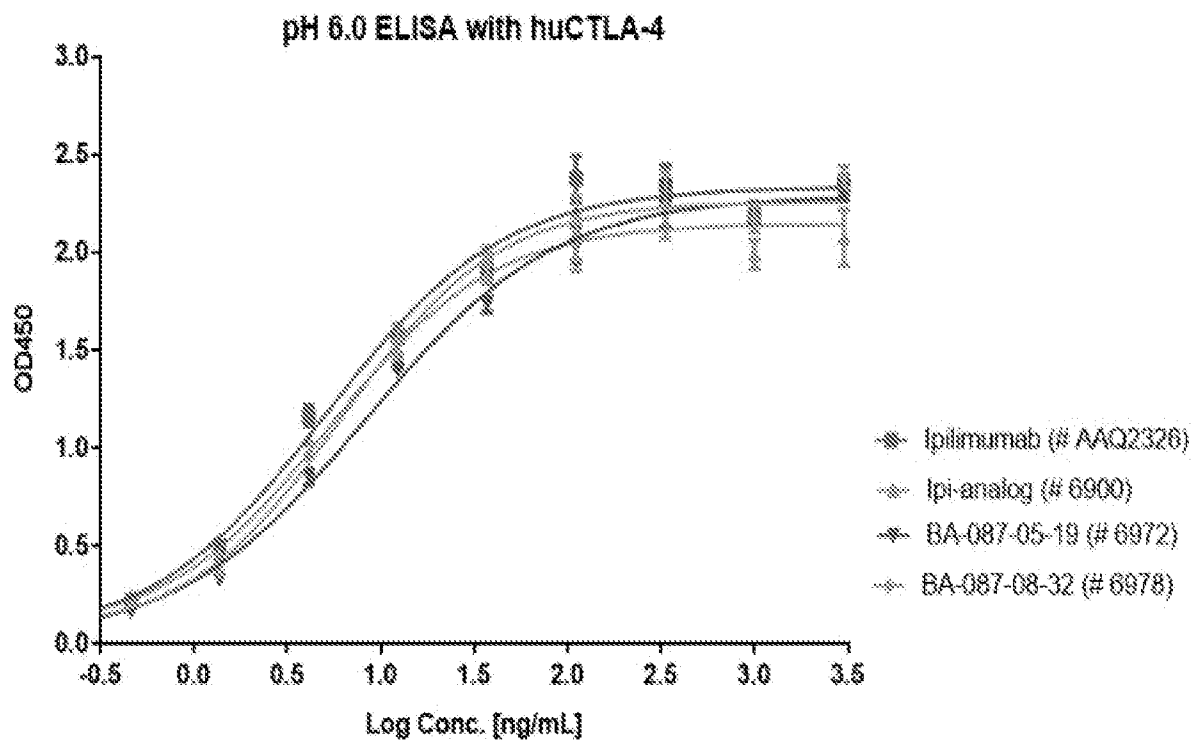


FIG. 3A

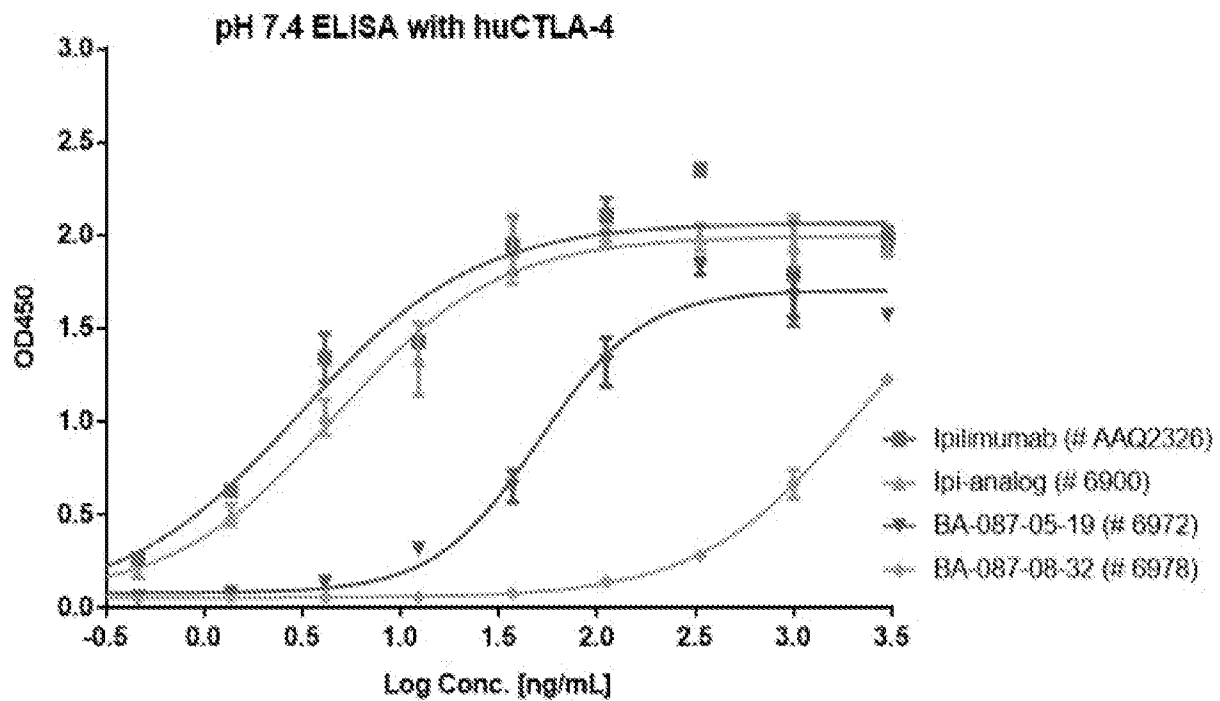


FIG. 3B

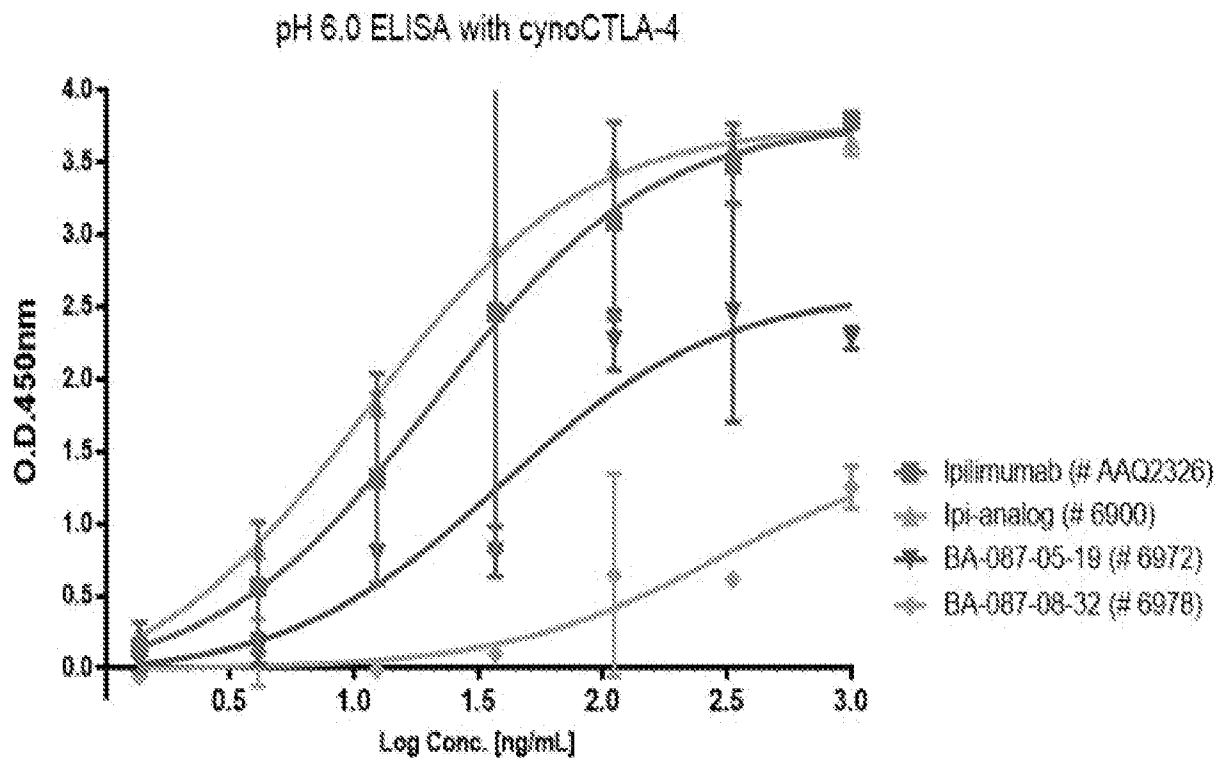


FIG. 4A

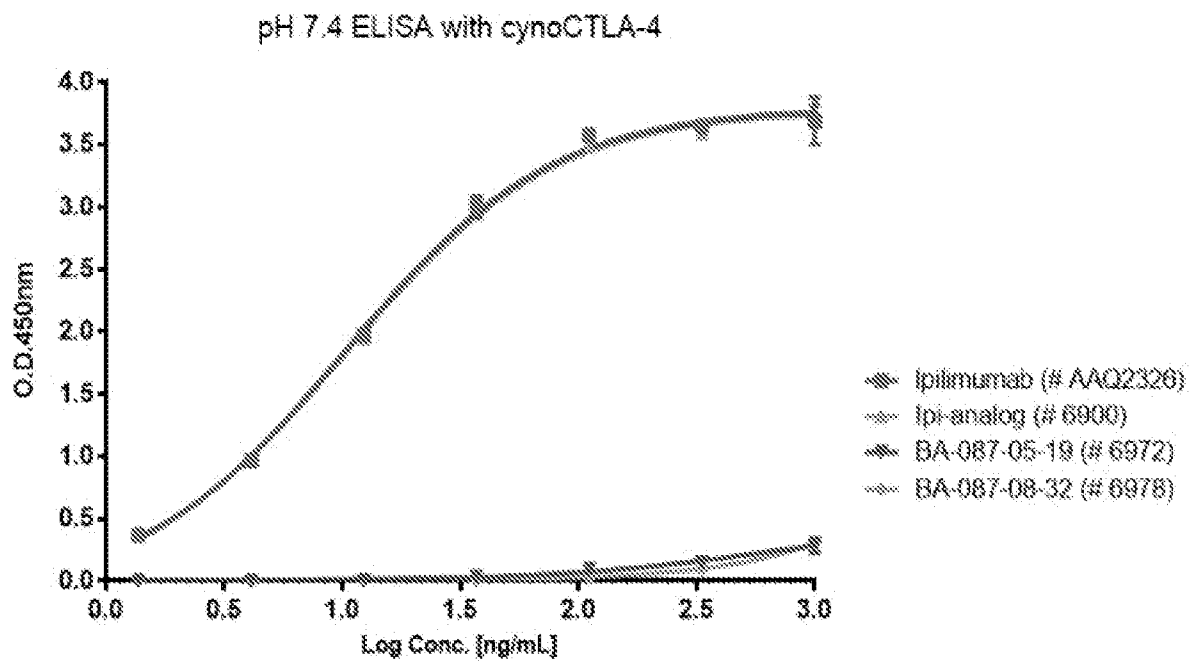


FIG. 4B

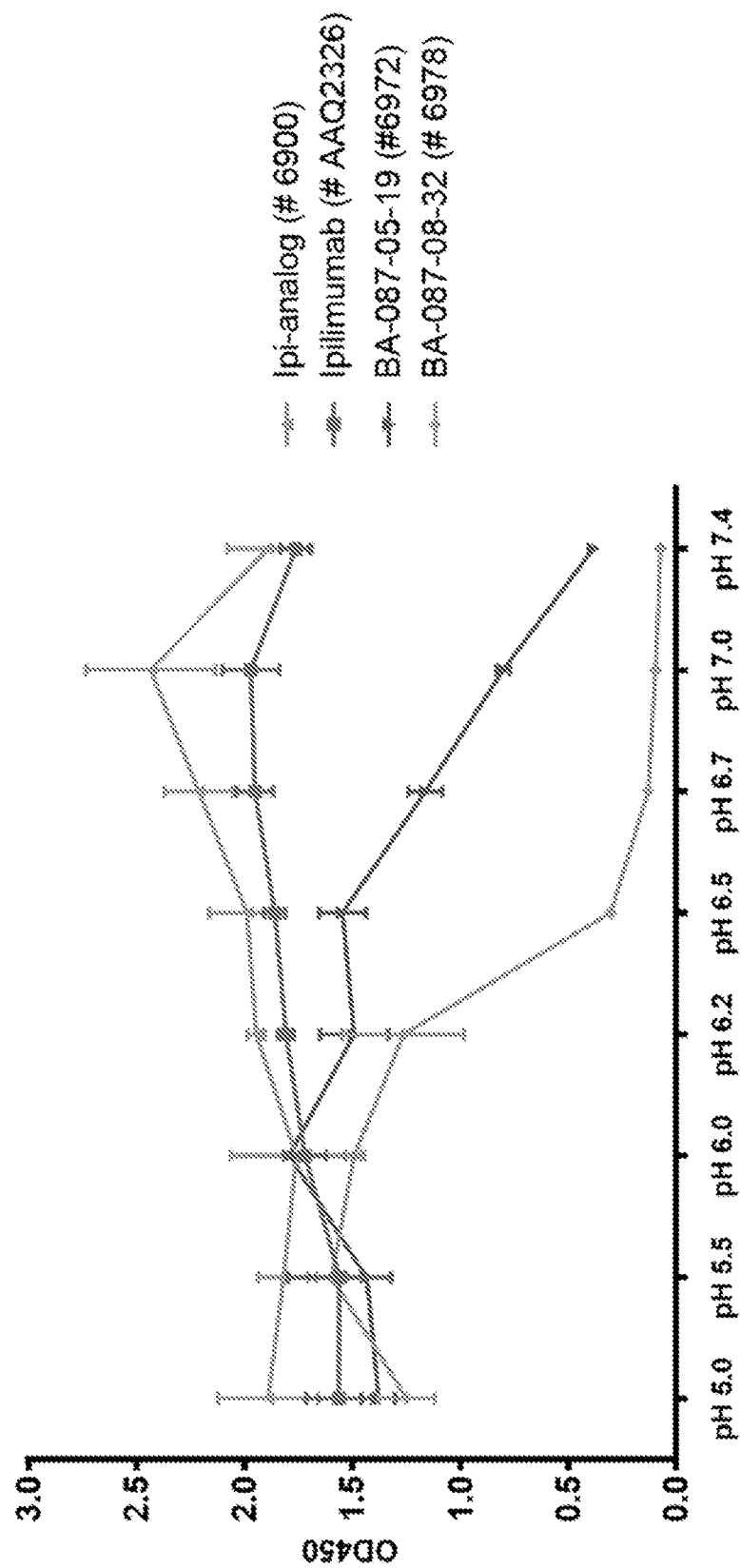


FIG. 5

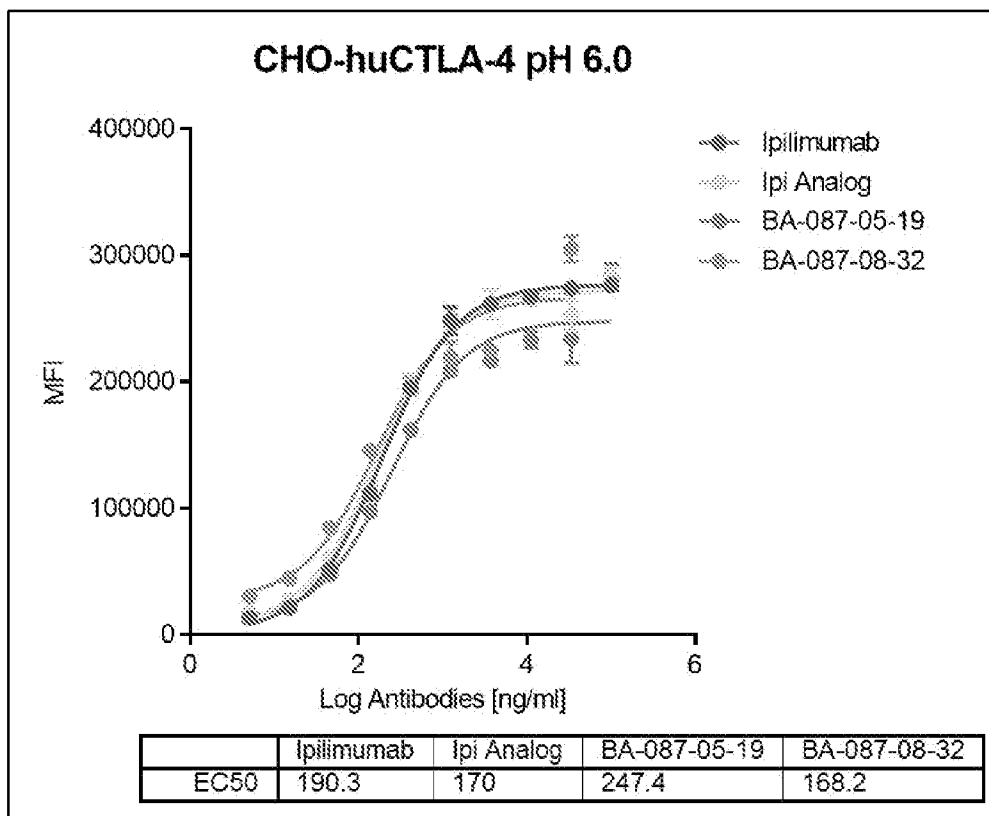


FIG. 6A

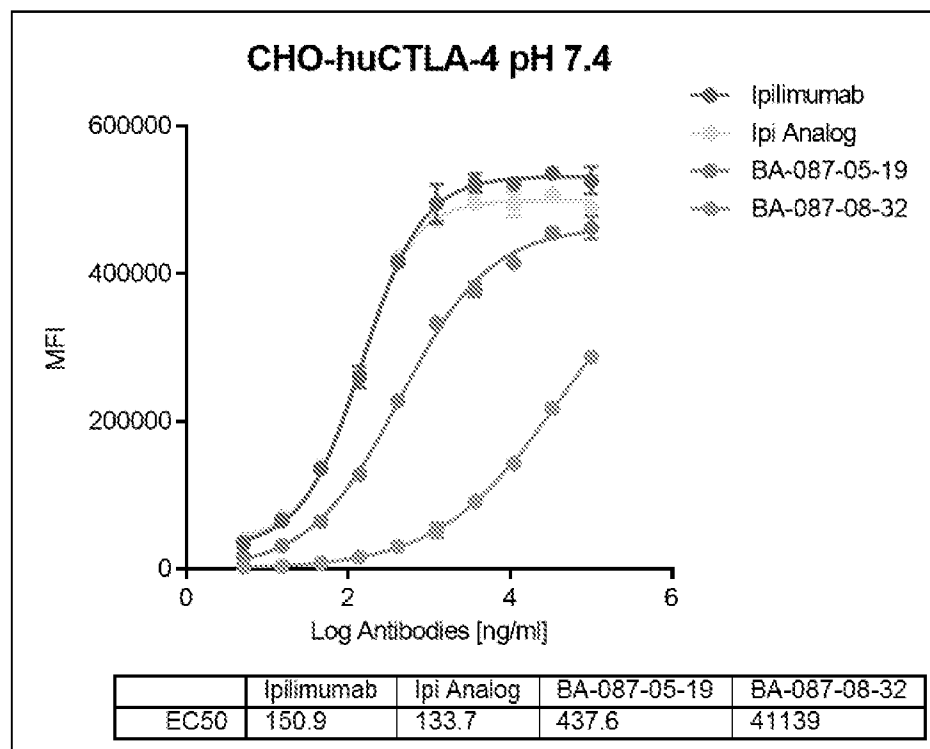


FIG. 6B

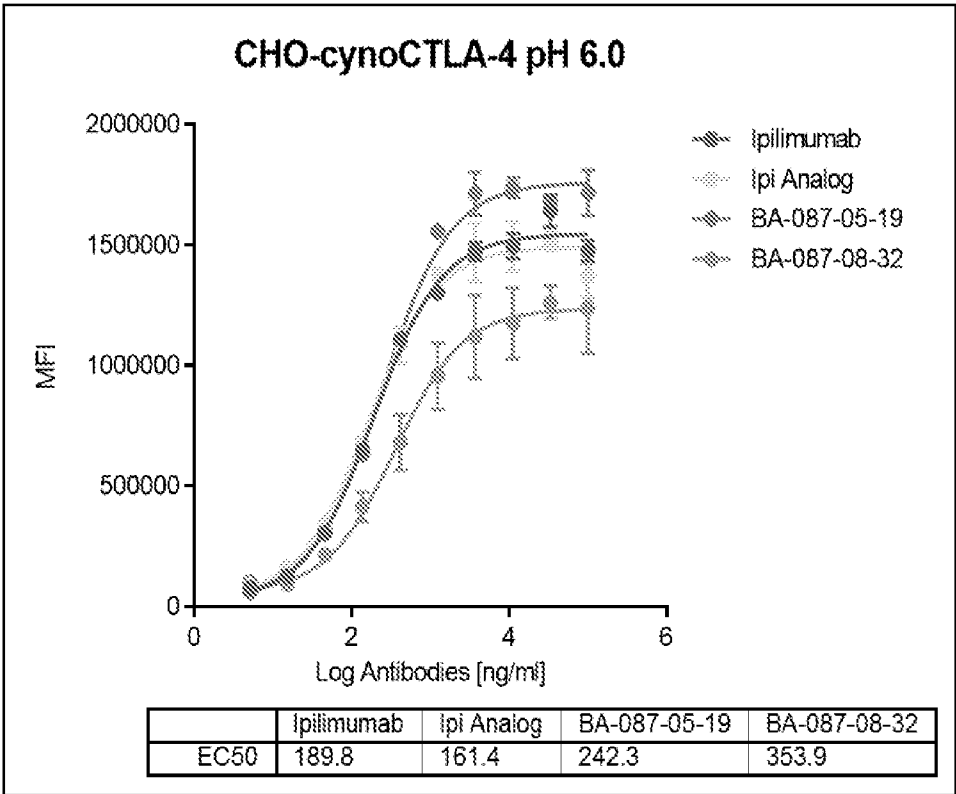


FIG. 7A

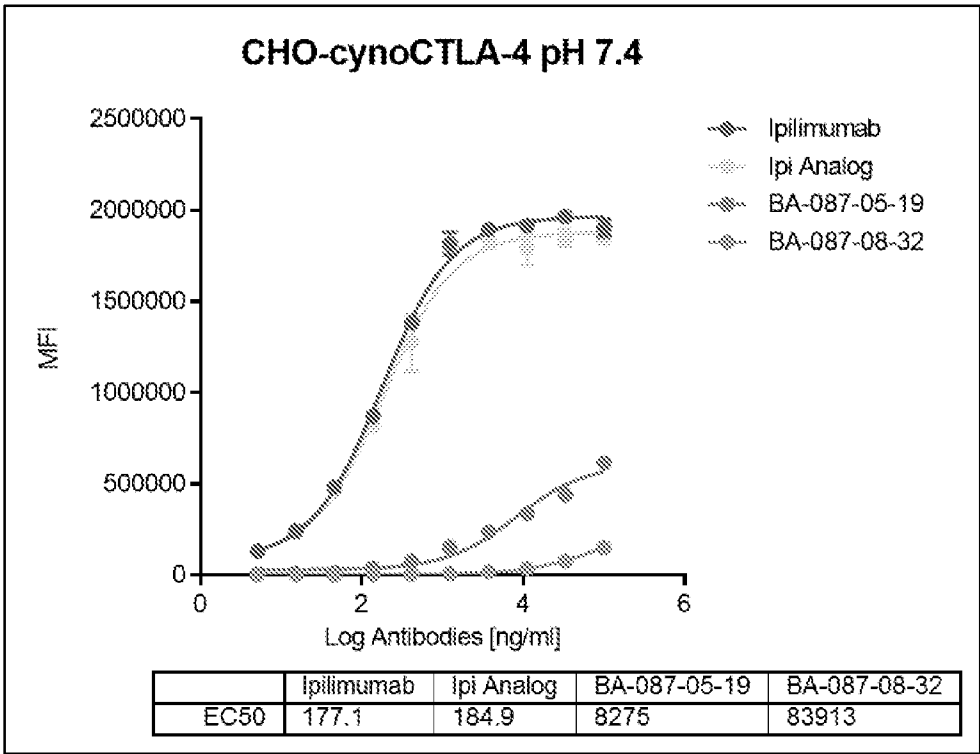


FIG. 7B

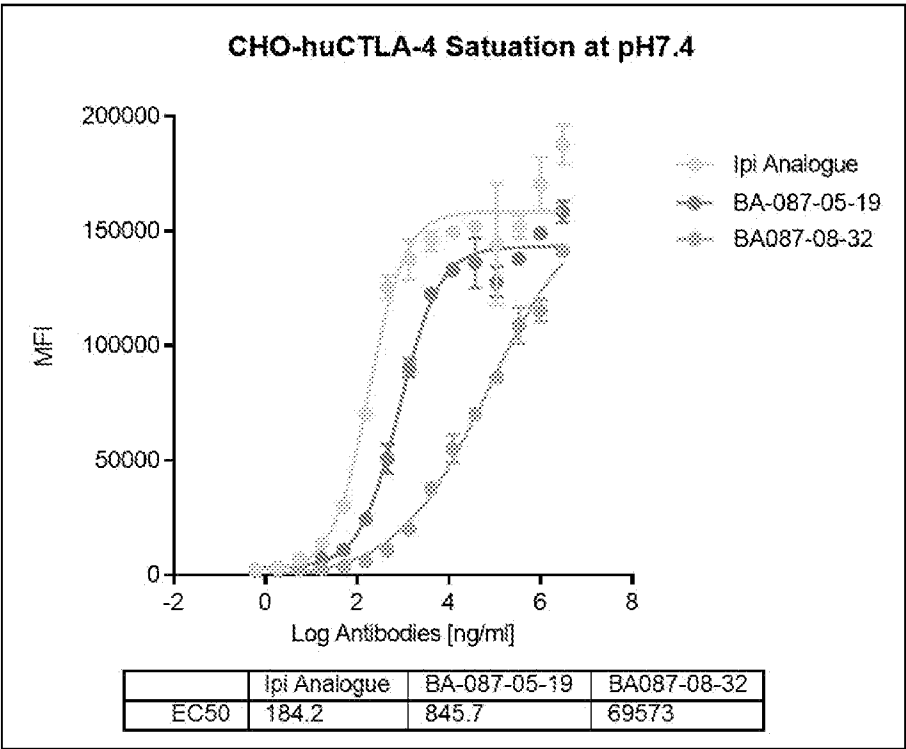


FIG. 8A

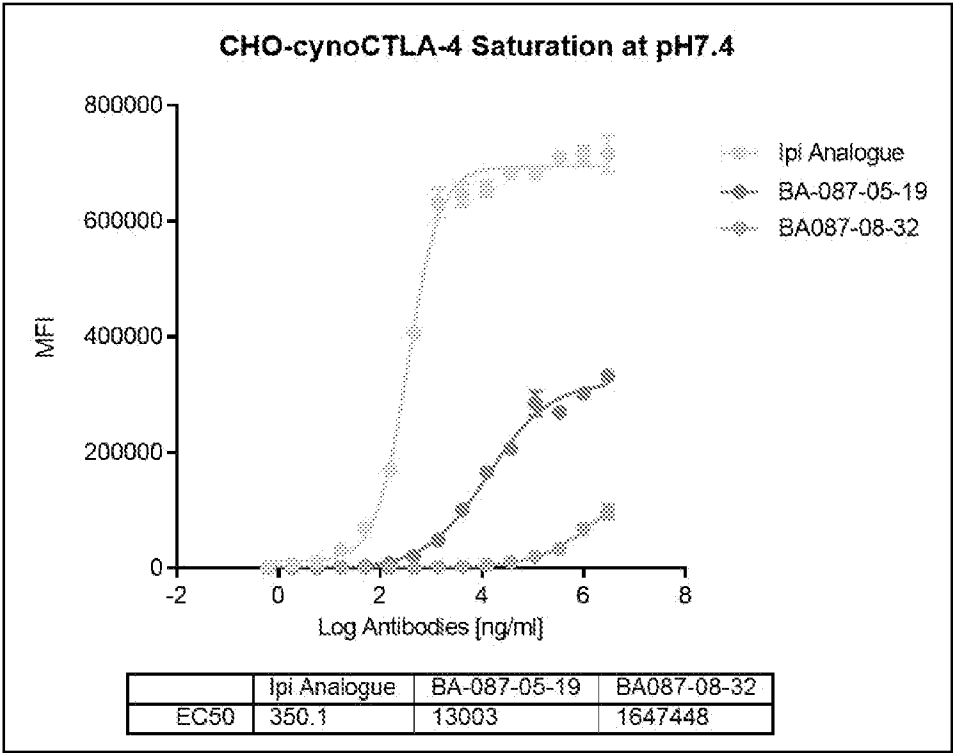


FIG. 8B

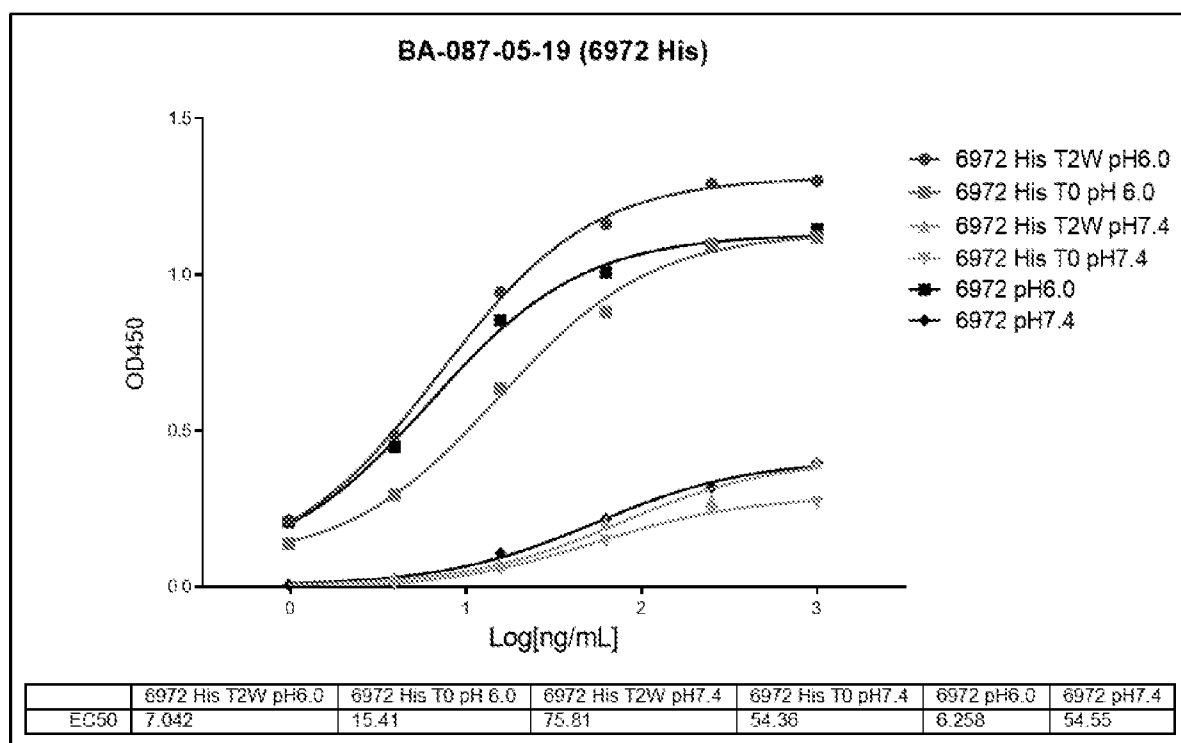


FIG. 9A

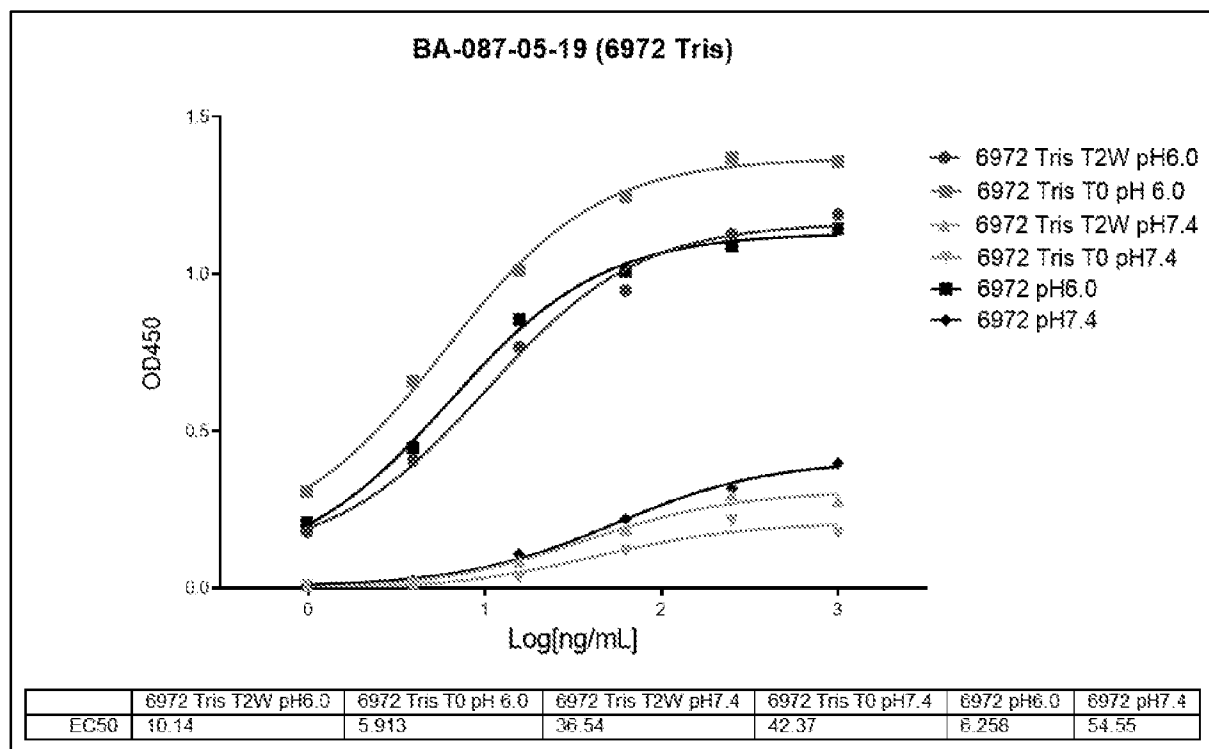


FIG. 9B

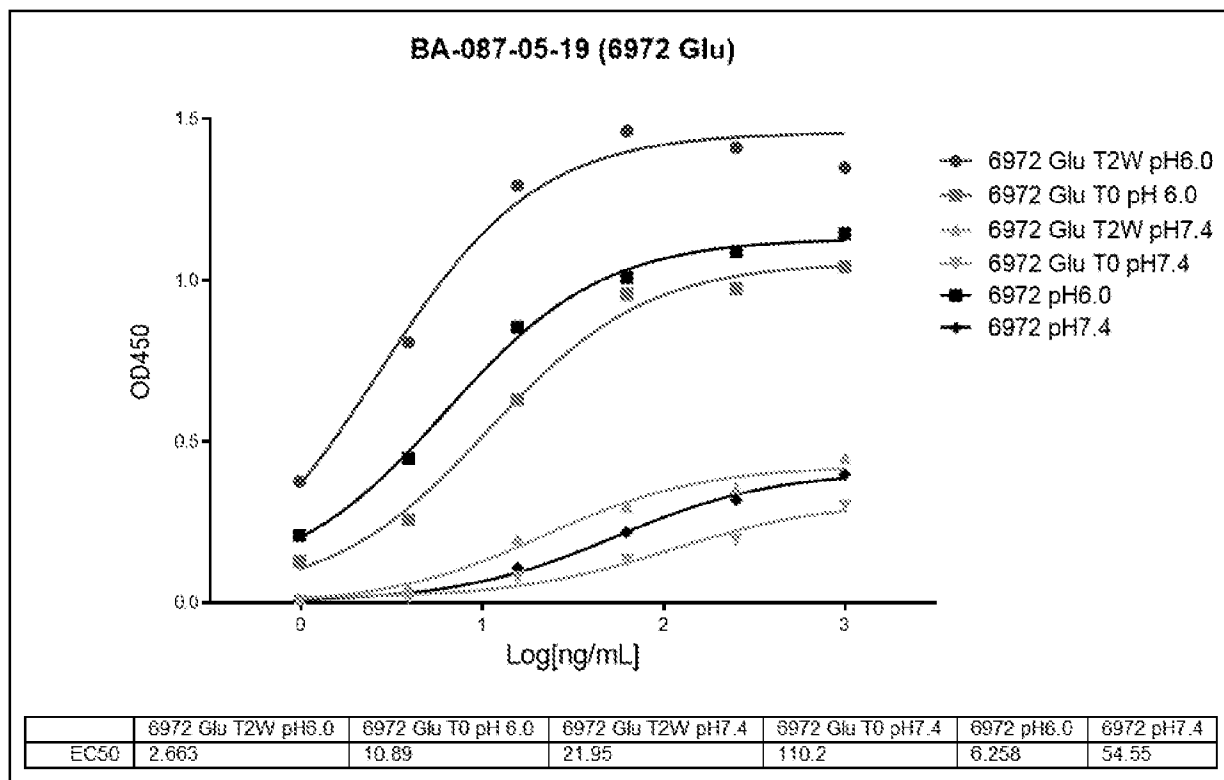


FIG. 9C

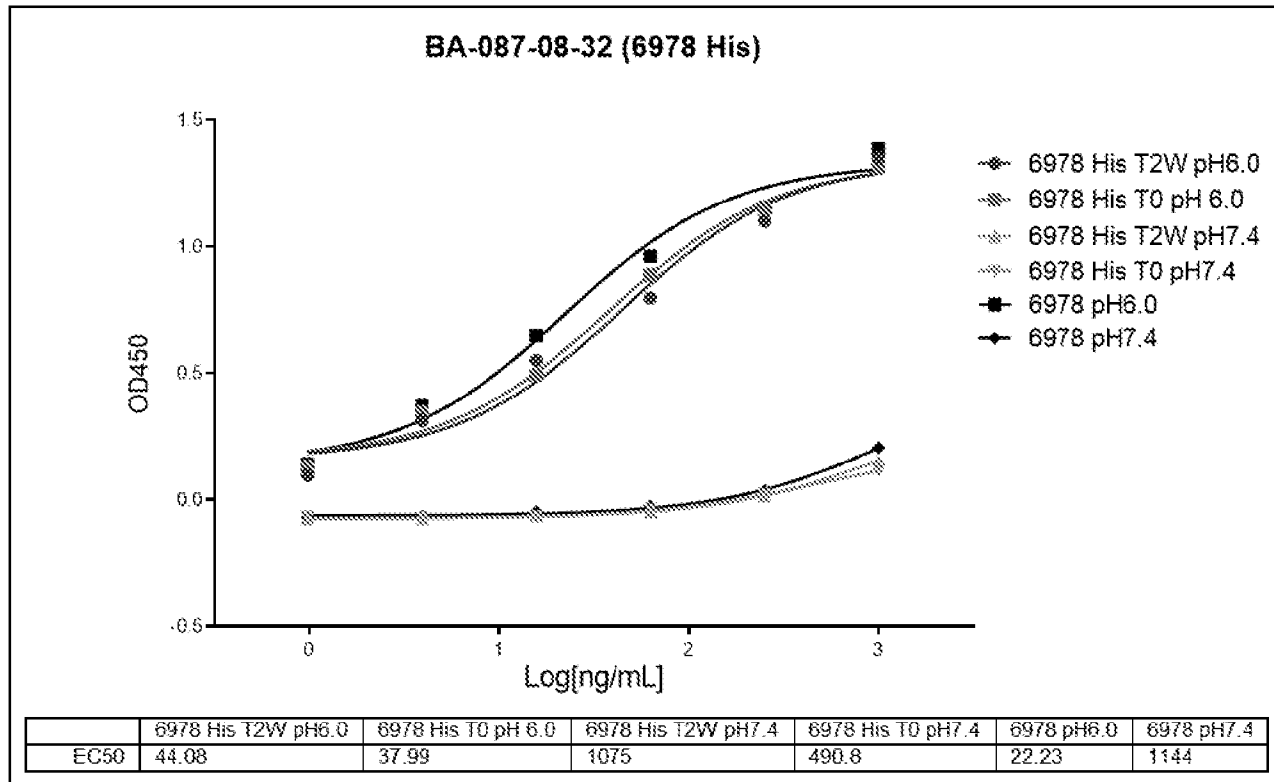


FIG. 9D

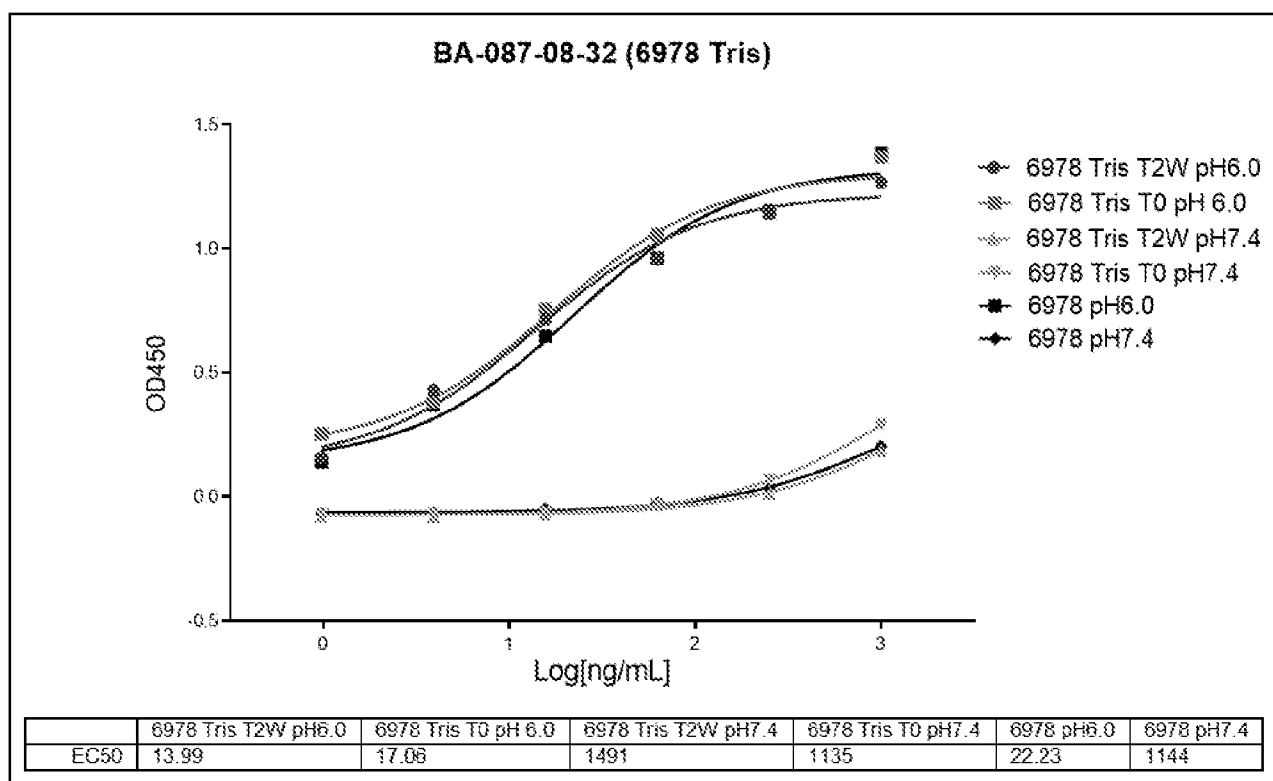


FIG. 9E

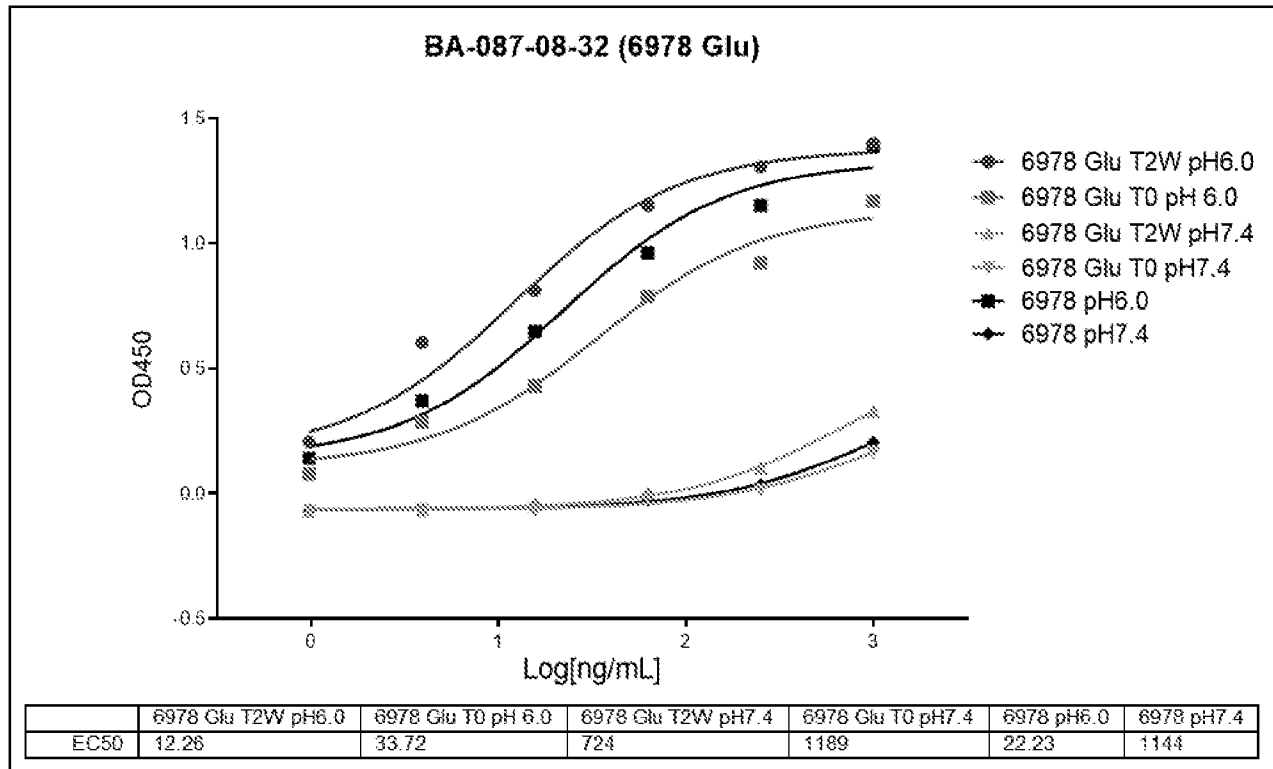


FIG. 9F

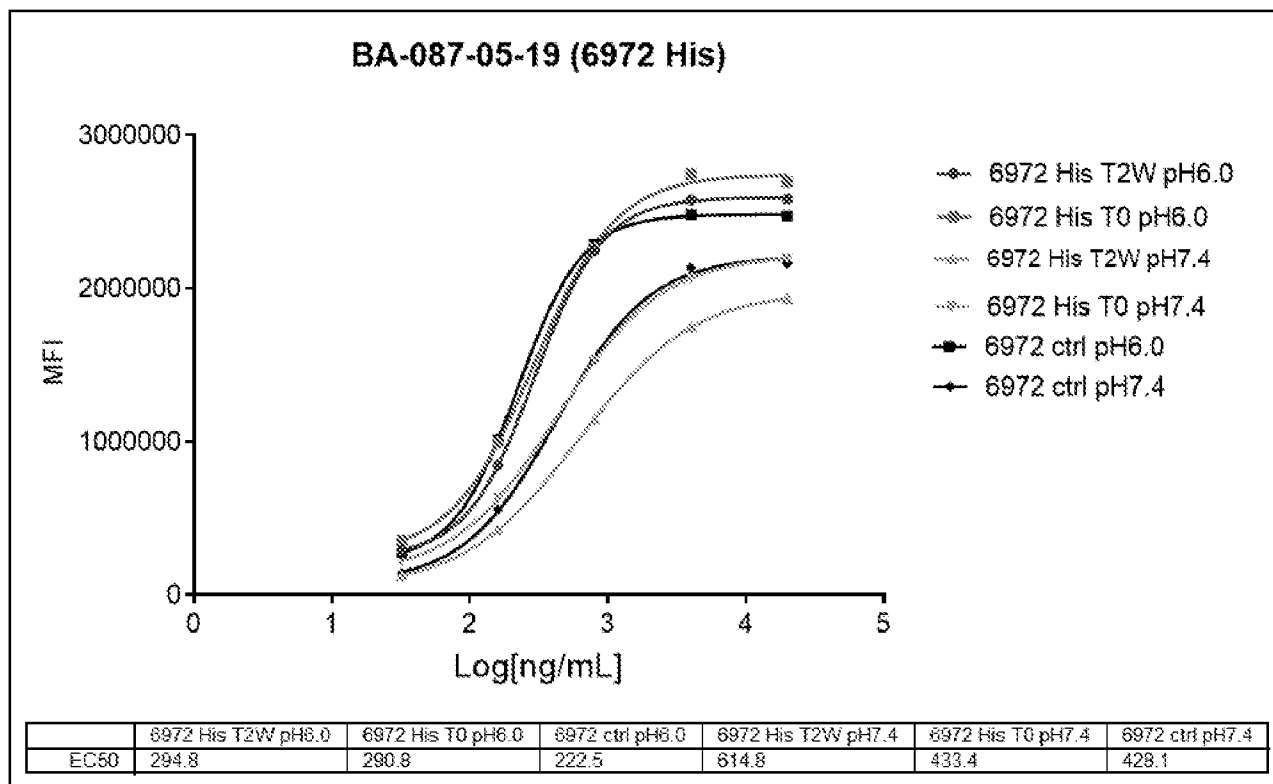


FIG. 10A

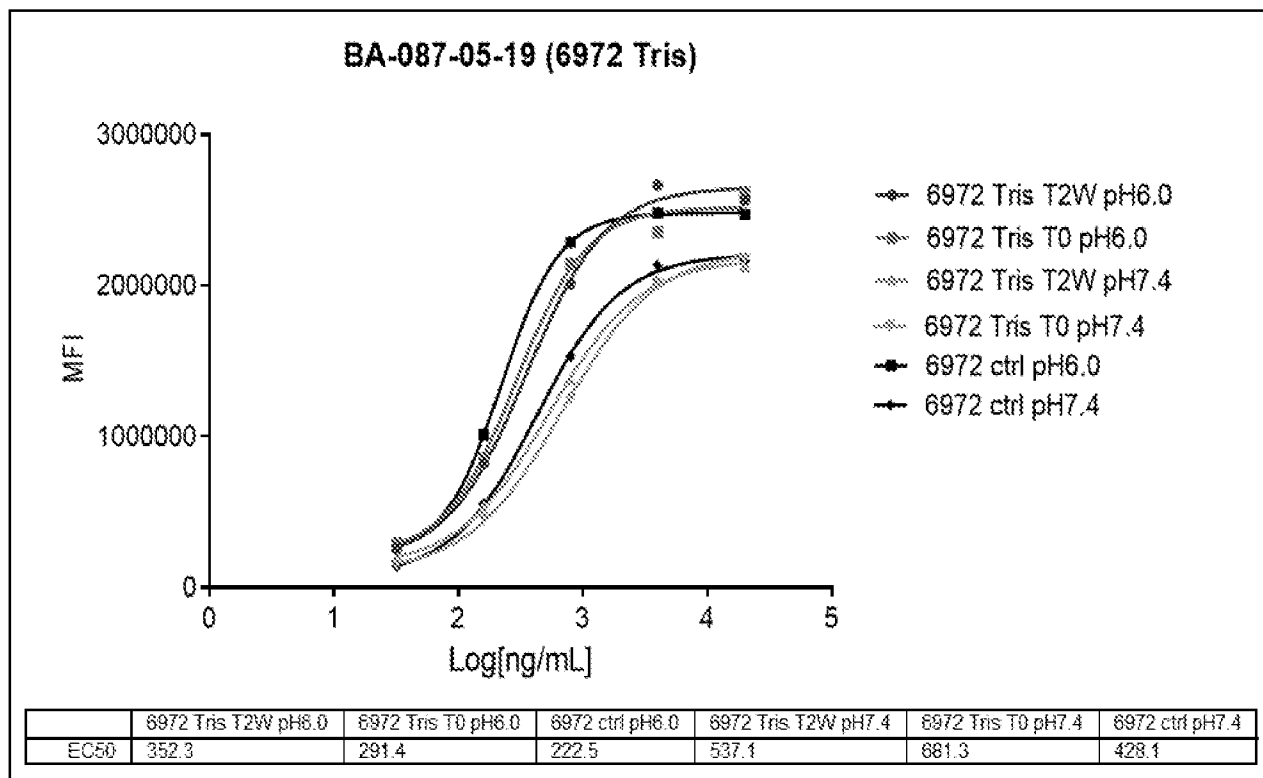


FIG. 10B

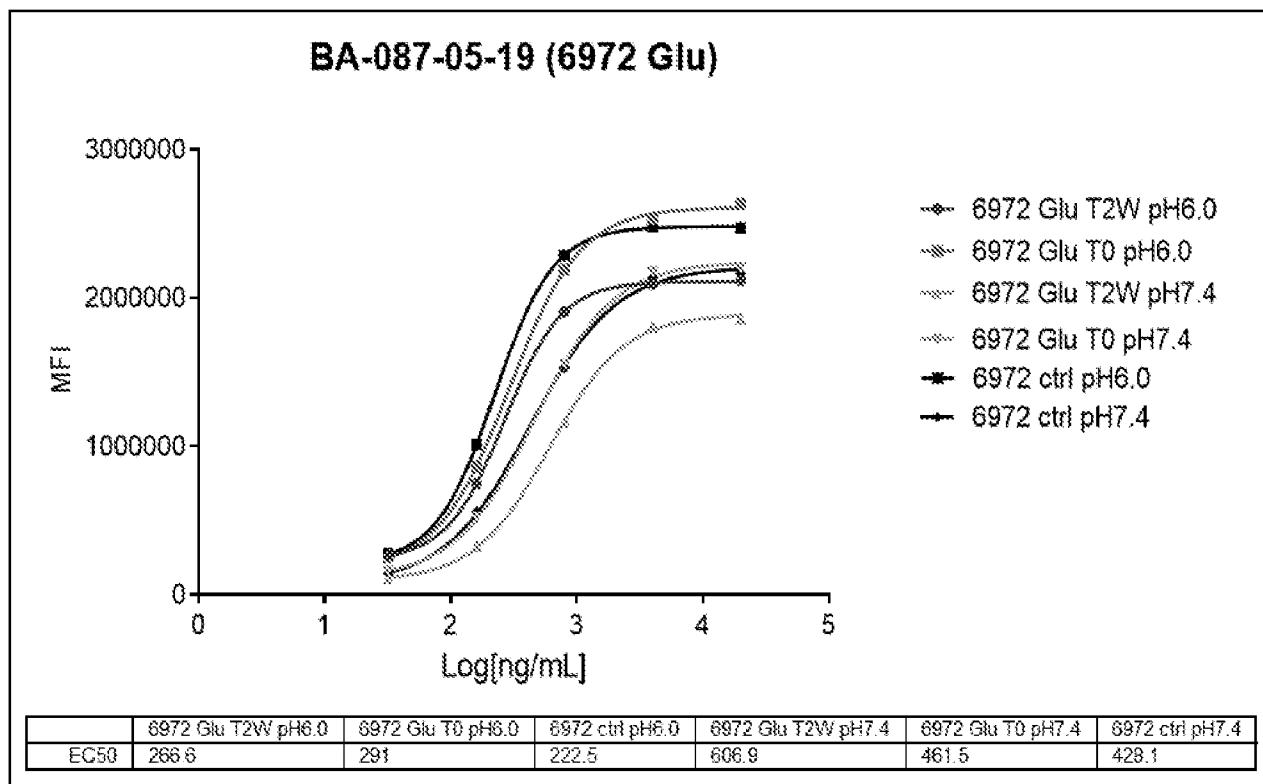


FIG. 10C

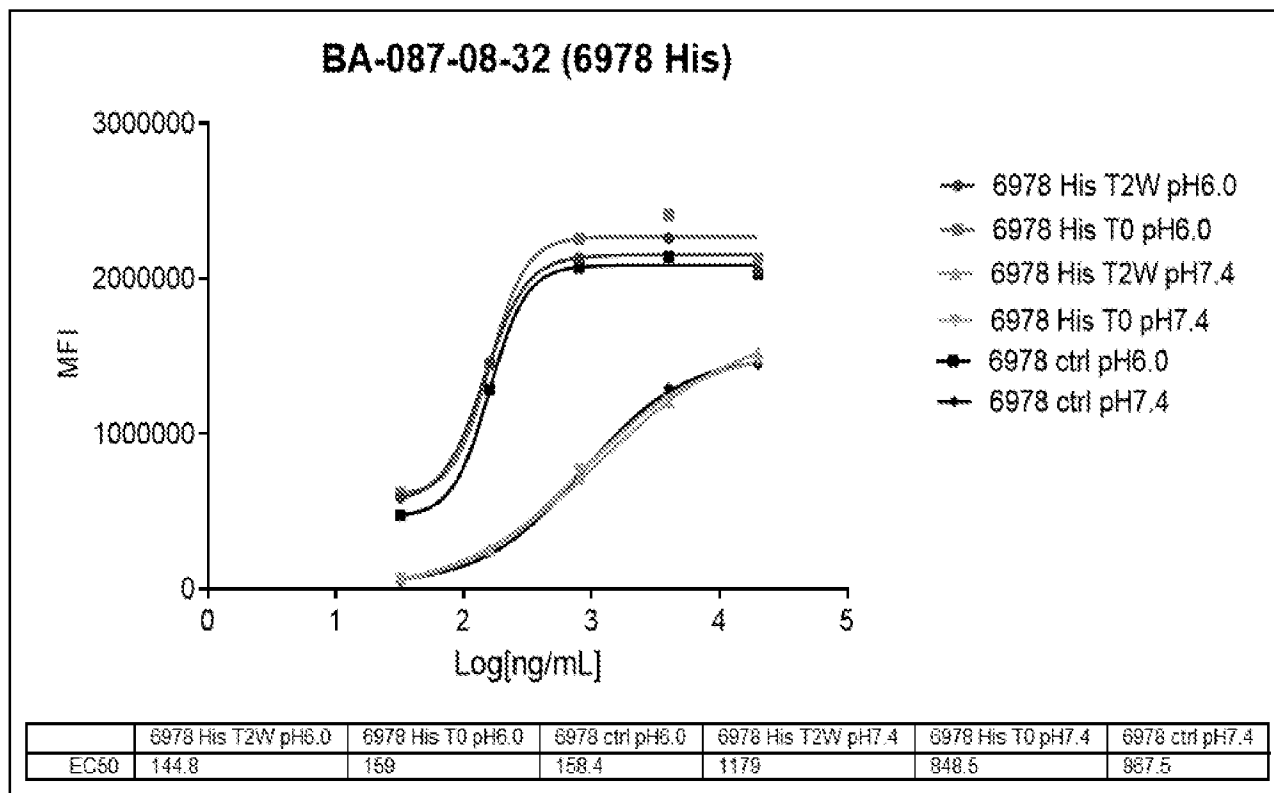


FIG. 10D

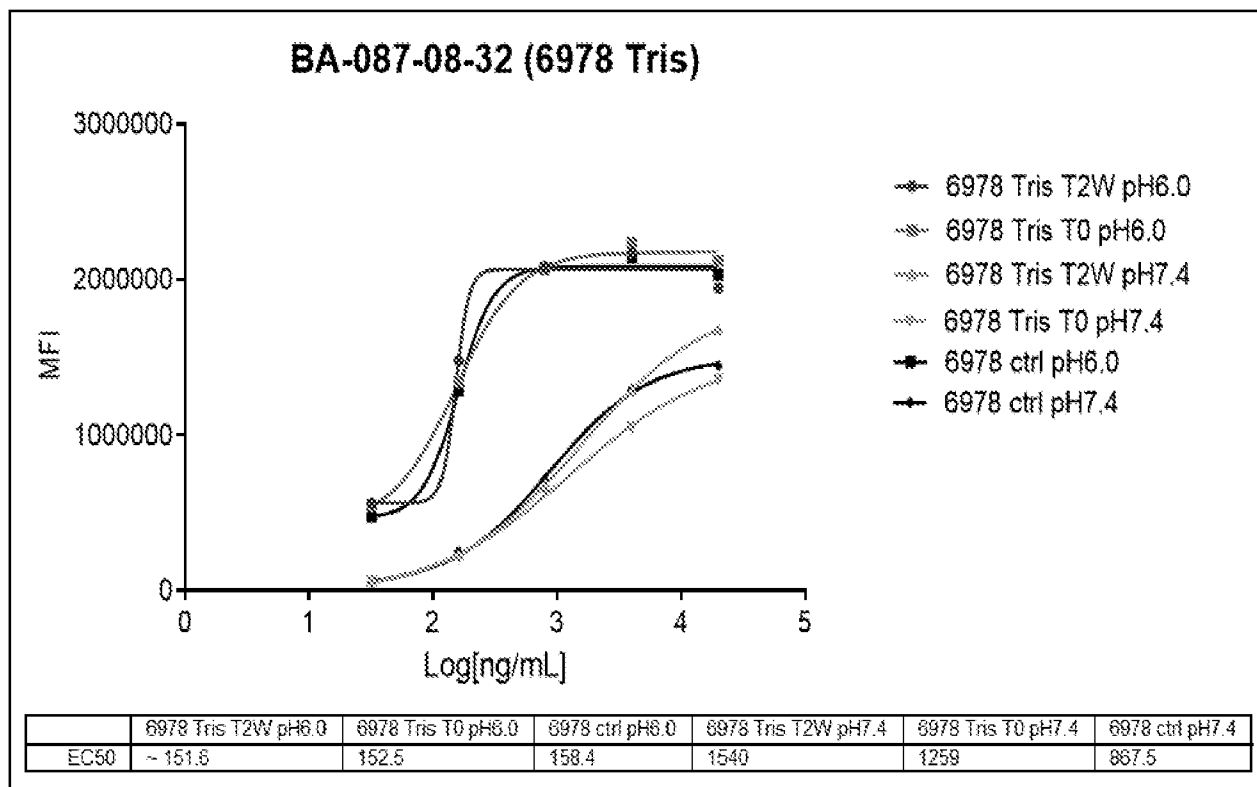


FIG. 10E

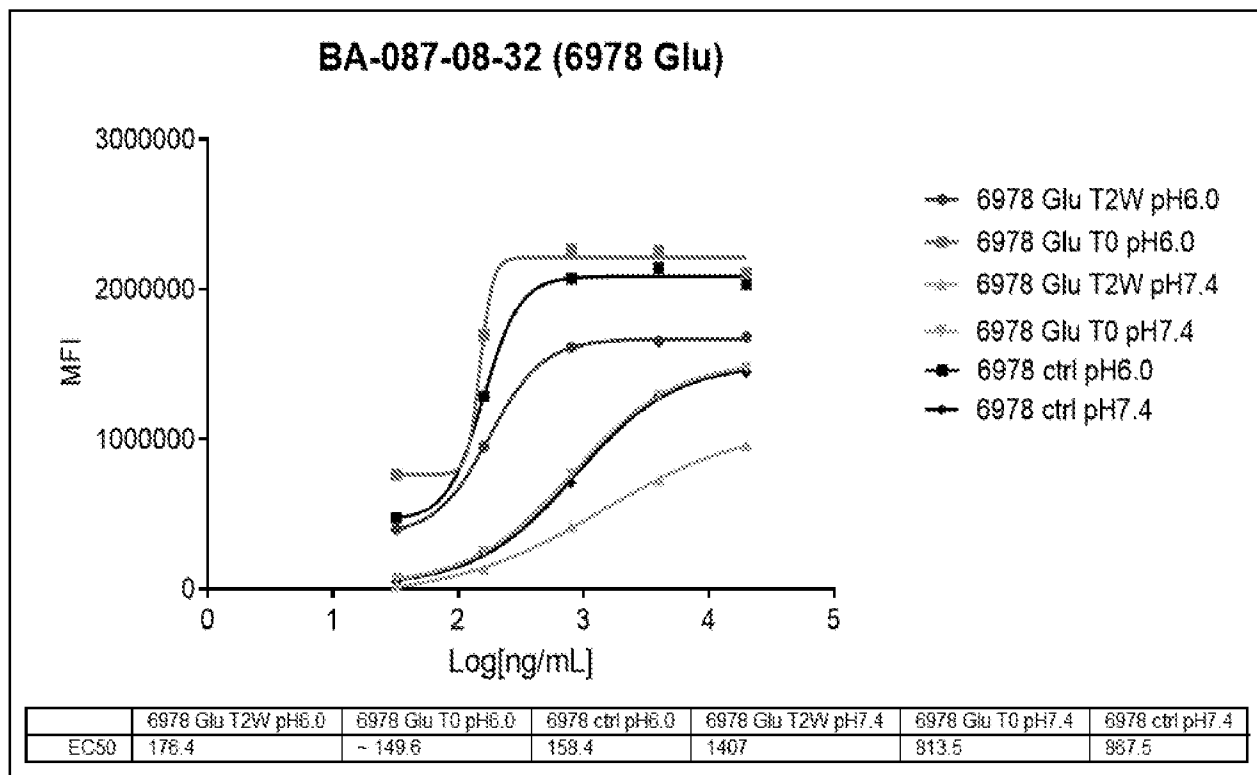


FIG. 10F

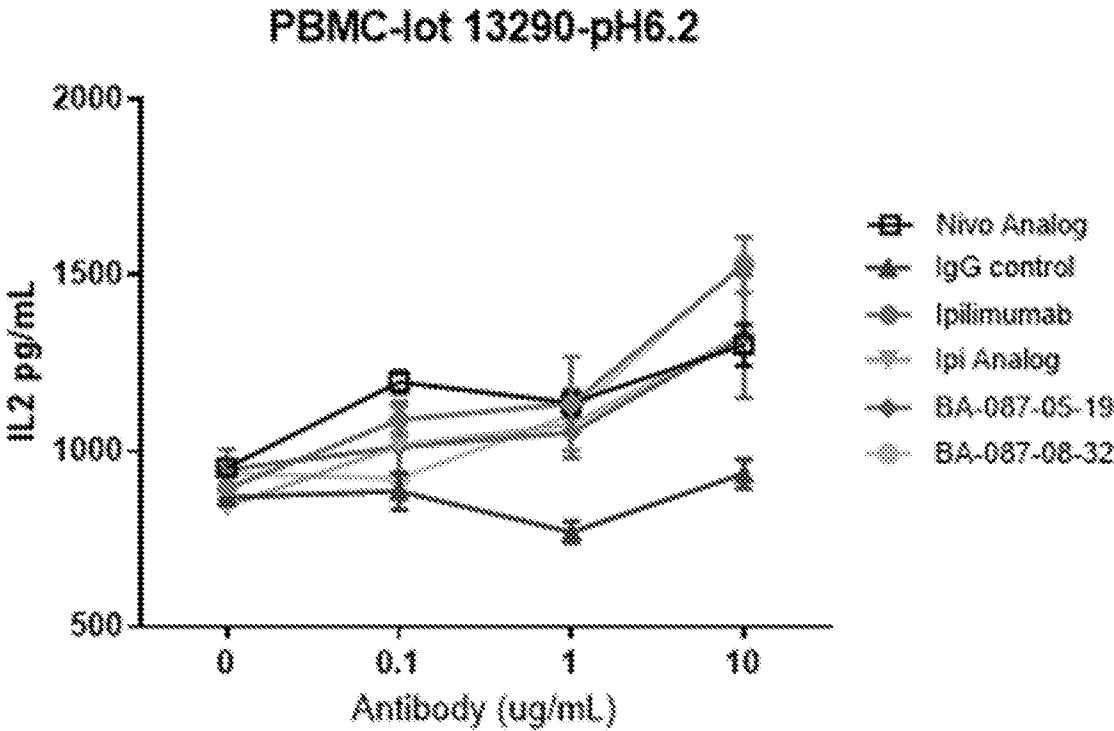


FIG. 11A

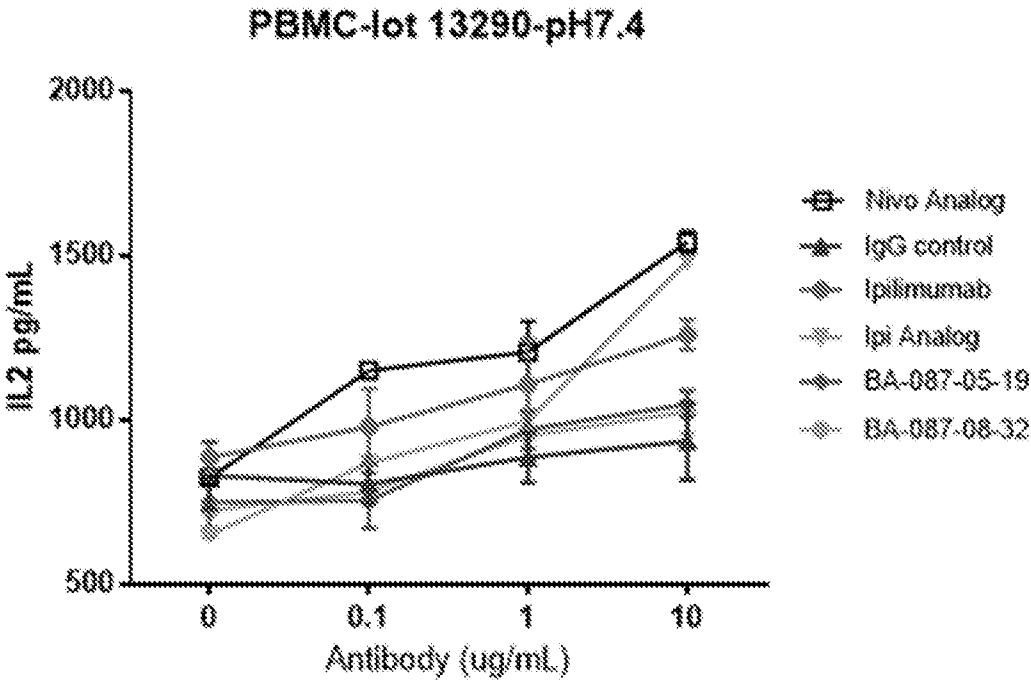
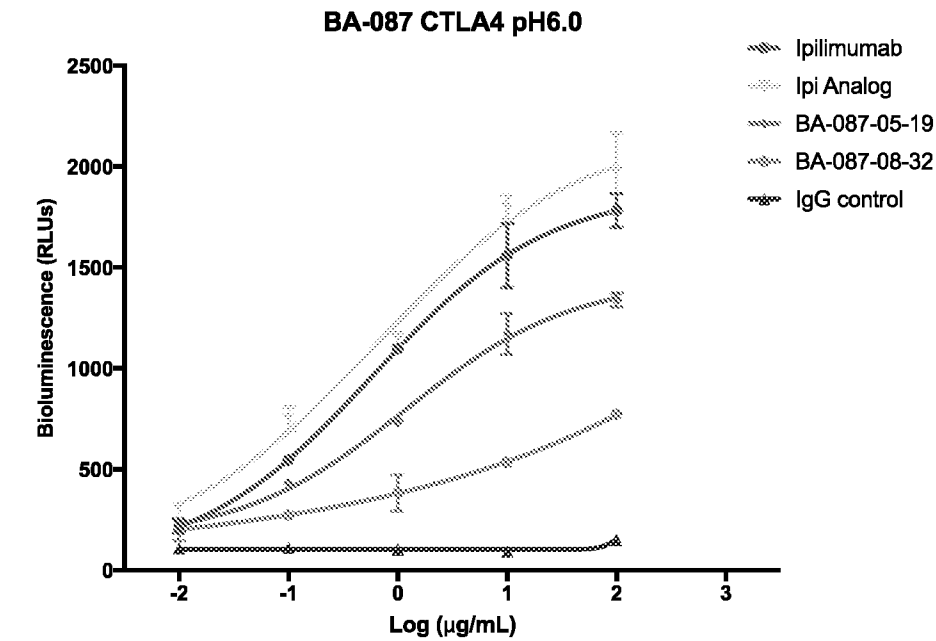
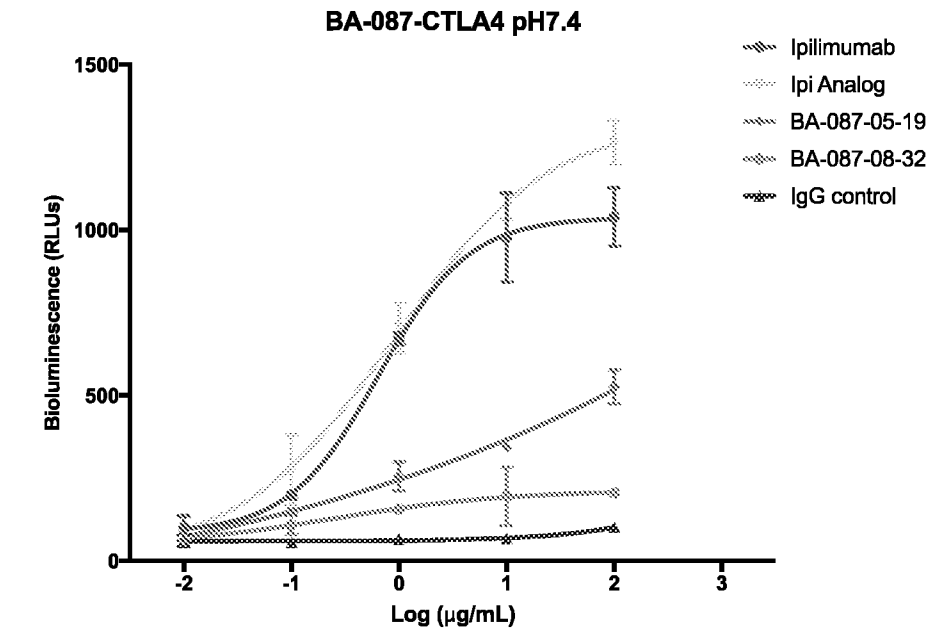


FIG. 11B



	IpiLimumab	Ipi Analog	BA-087-05-19	BA-087-08-32	IgG control
EC50	0.5811	0.6523	1.195	~ 16504533325657	~ 91.71

FIG. 12A



	IpiLimumab	Ipi Analog	BA-087-05-19	BA-087-08-32	IgG control
EC50	0.6488	0.9095	~ 1.258e+025	0.2449	~ 258563

FIG. 12B

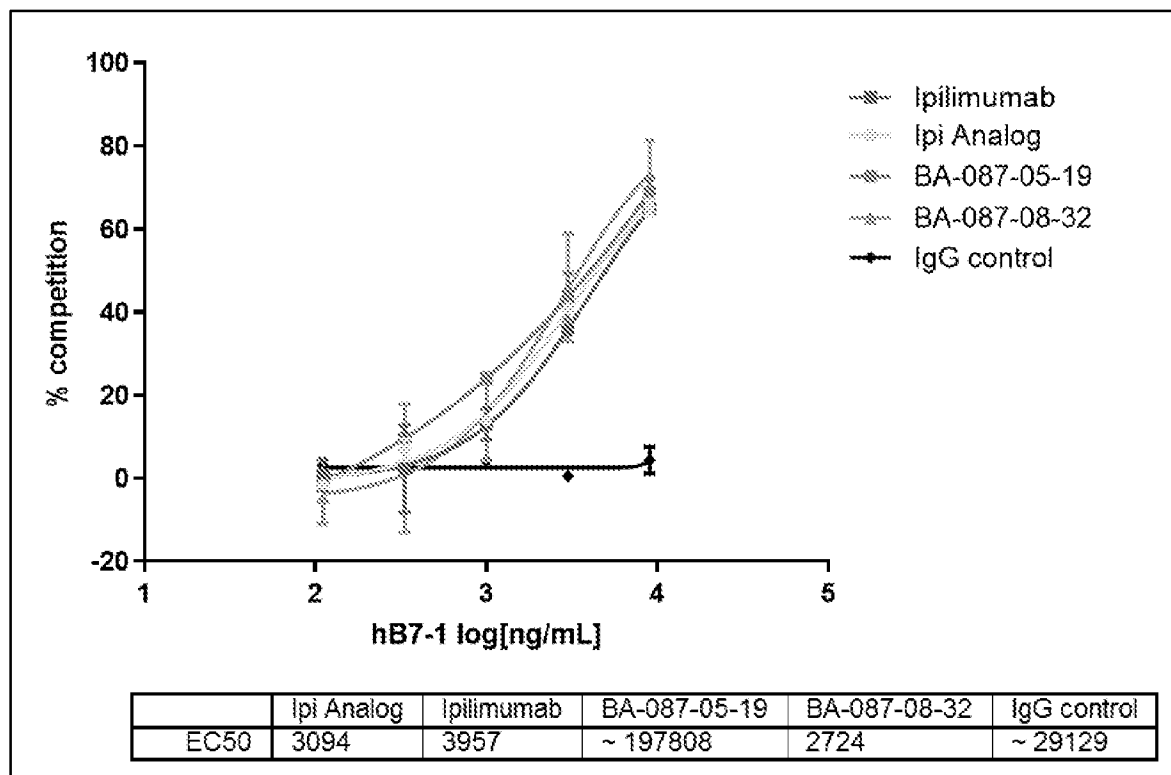


FIG. 13A

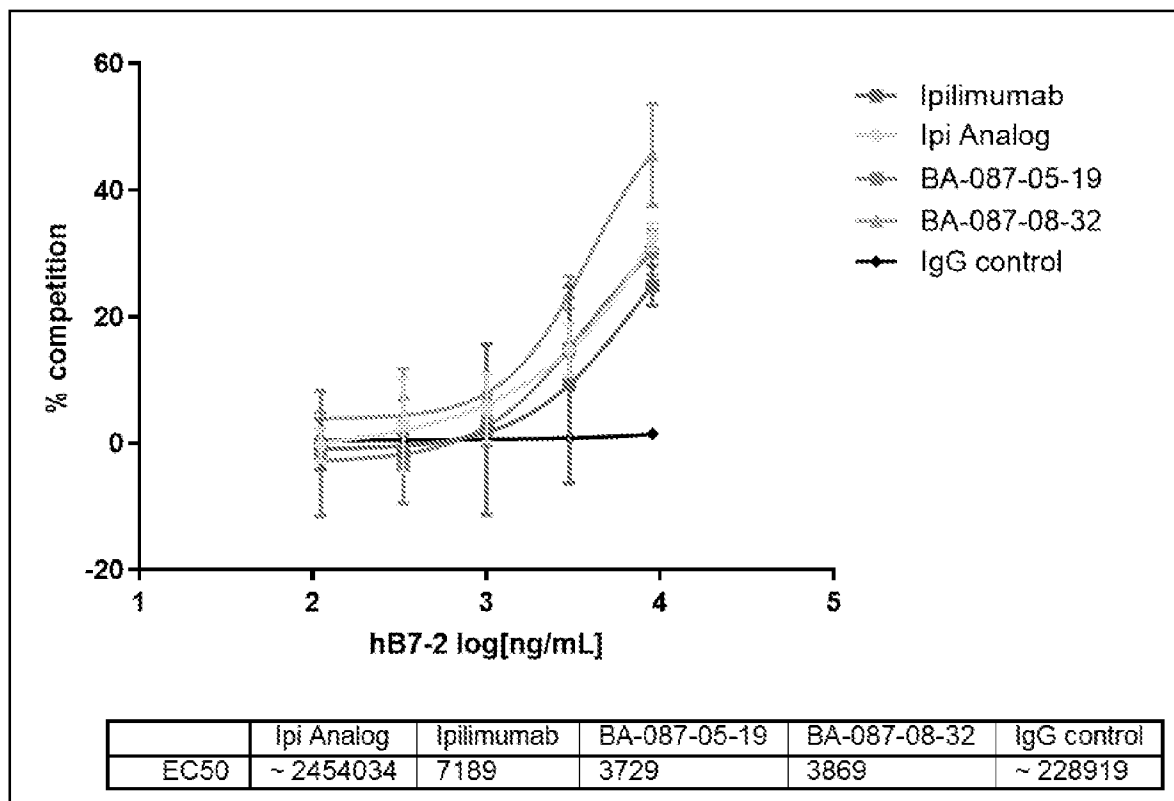


FIG. 13B

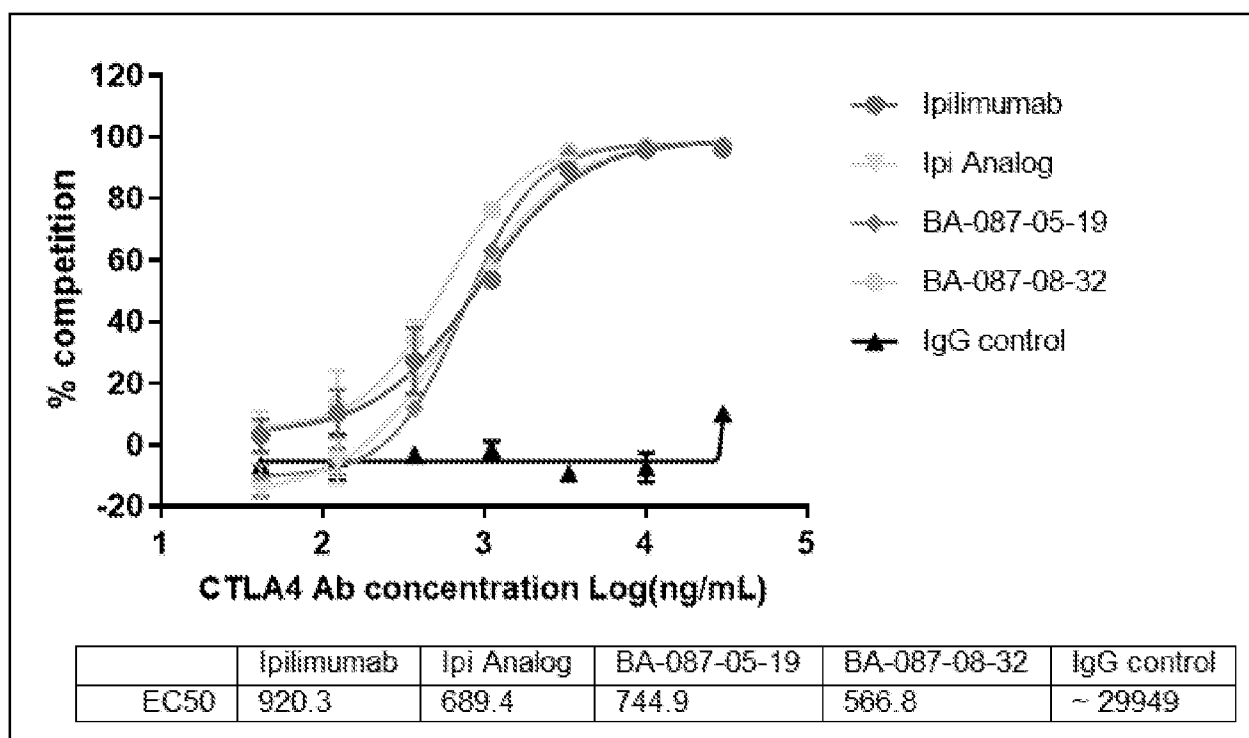


FIG. 14A

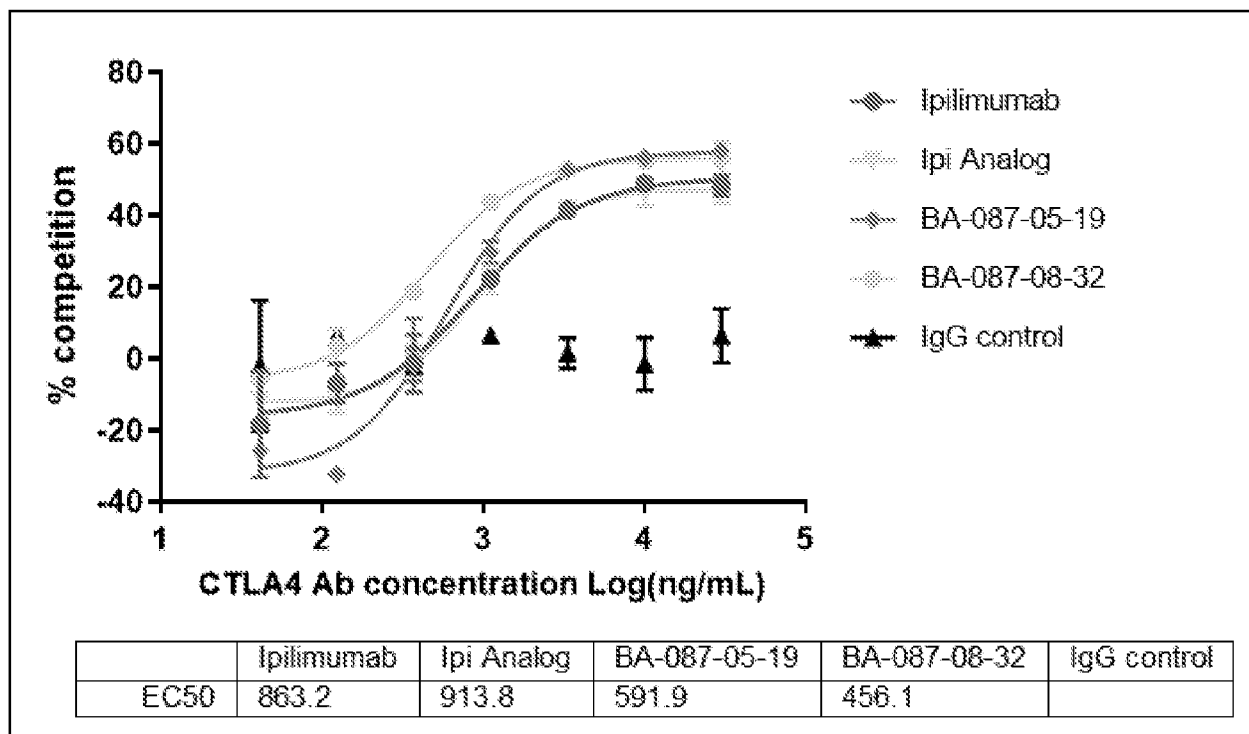


FIG. 14B