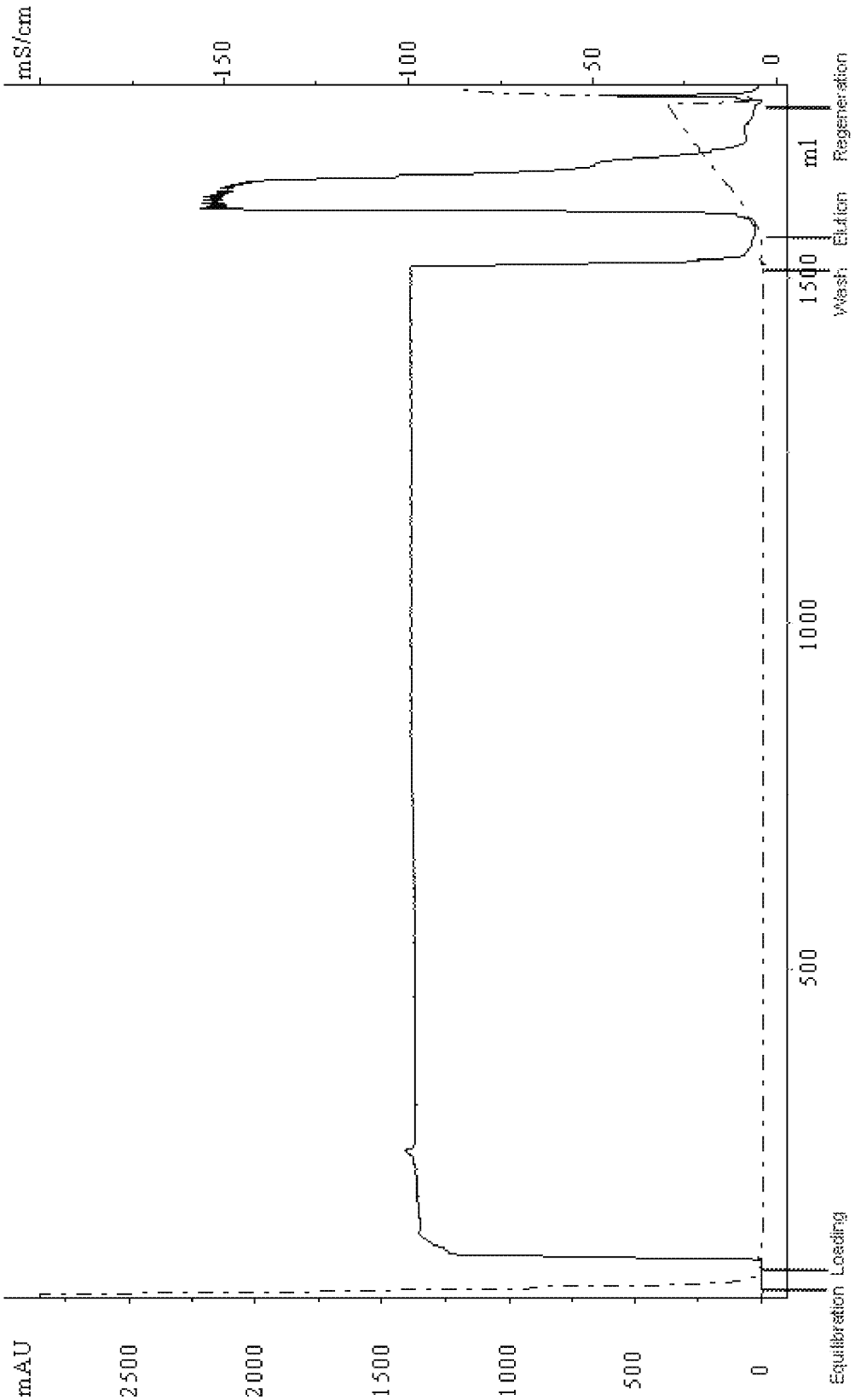
Fig. 1

Chromatogram from capture step on Capto S™



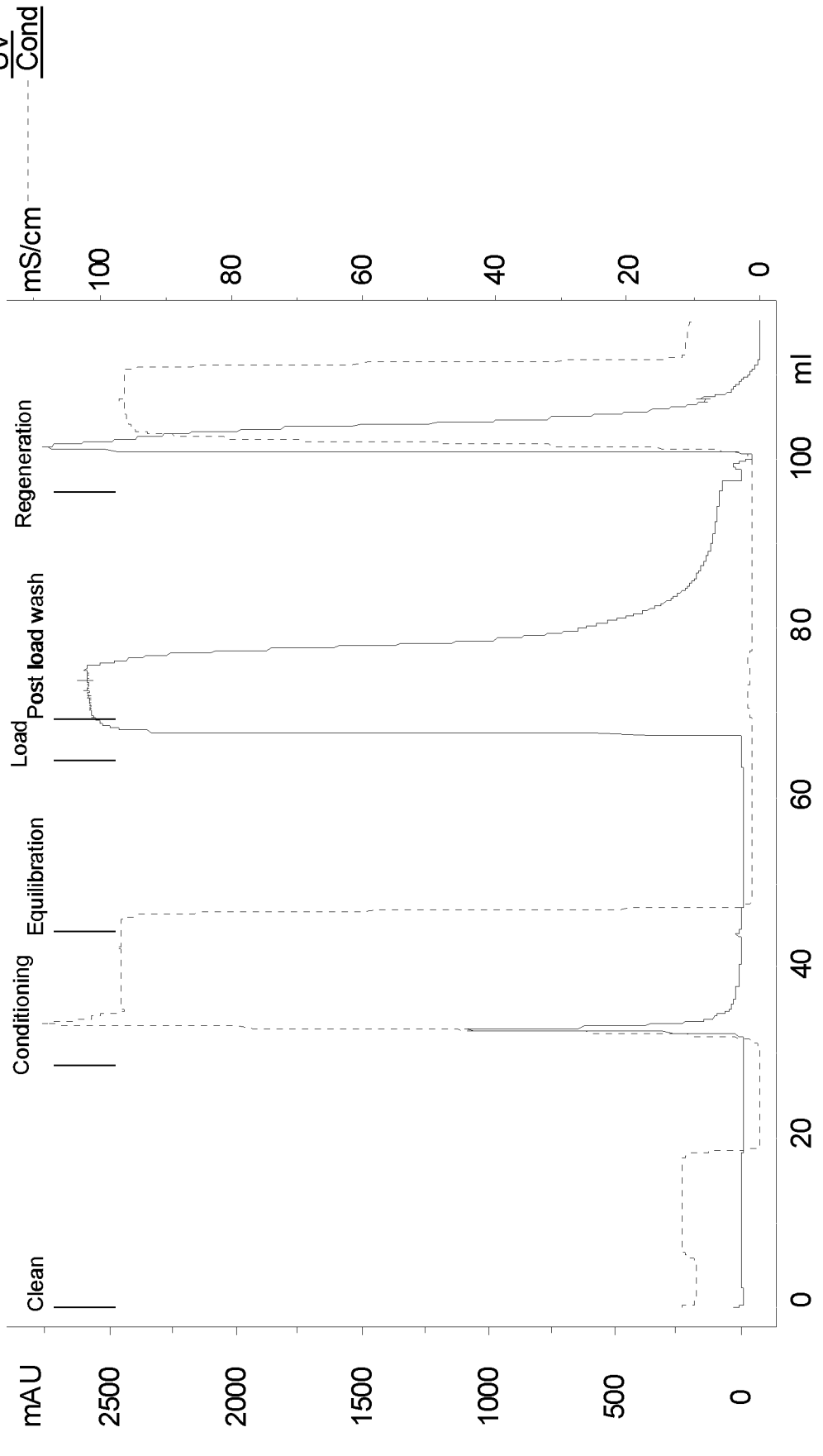
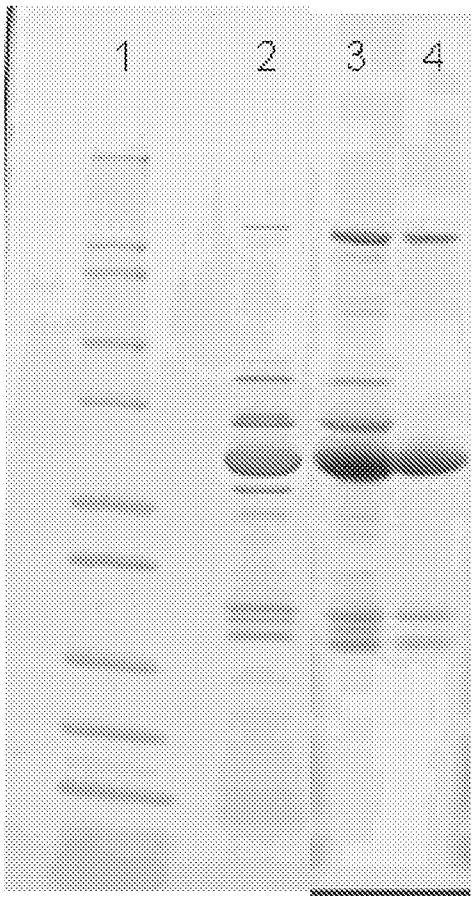


Fig. 2

Chromatogram from second chromatography step on Capto Q™

Fig 3

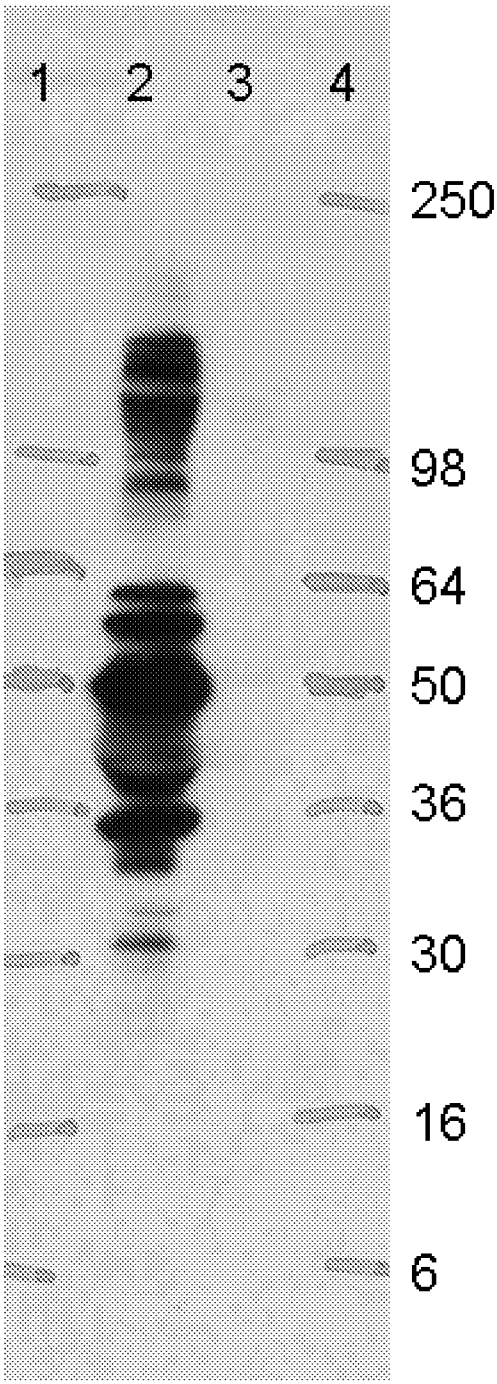
SDS-PAGE analysis of Capture load, Capture eluate and anion exchange flow-through



Lane	Sample
1	SeeBlue Markers
2	Capto S load
3	Capto Q load
4	Capto Q flow through

Fig 4

HCP Western Blot before and after anion exchange column



Lane	Sample
1	SeeBlue Markers
2	Capto Q load
3	Capto Q flow through
4	SeeBlue Markers

HCP Western blot

Fig. 5

SEQ ID NO: 1 shows the amino acid sequence of CDRH1 of CDP870.

Asp Tyr Gly Met Asn

SEQ ID NO: 2 shows the amino acid sequence of CDRH2 of CDP870

Trp Ile Asn Thr Tyr Ile Gly Glu Pro Ile Tyr Ala Asp Ser Val Lys Gly

SEQ ID NO: 3 shows the amino acid sequence of CDRH3 of CDP870.

Gly Tyr Arg Ser Tyr Ala Met Asp Tyr

SEQ ID NO: 4 shows the amino acid sequence of CDRL1 of CDP870.

Lys Ala Ser Gln Asn Val Gly Thr Asn Val Ala

SEQ ID NO: 5 shows the amino acid sequence of CDRL2 of CDP870.

Ser Ala Ser Phe Leu Tyr Ser

SEQ ID NO: 6 shows the amino acid sequence of CDRL3 of CDP870.

Gln Gln Tyr Asn Ile Tyr Pro Leu Thr

SEQ ID NO: 7 shows the amino acid sequence of the light chain variable region CDP870

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp Arg
Val Thr Ile Thr Cys Lys Ala Ser Gln Asn Val Gly Thr Asn Val Ala Trp Tyr
Gln Gln Lys Pro Gly Lys Ala Pro Lys Ala Leu Ile Tyr Ser Ala Ser Phe Leu
Tyr Ser Gly Val Pro Tyr Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
Tyr Asn Ile Tyr Pro Leu Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys

Fig. 5 (cont.)

SEQ ID NO:8 shows the amino acid sequence of the heavy chain variable region CDP870.

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu
Arg Leu Ser Cys Ala Ala Ser Gly Tyr Val Phe Thr Asp Tyr Gly Met Asn Trp
Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Met Gly Trp Ile Asn Thr Tyr
Ile Gly Glu Pro Ile Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Phe Ser Leu
Asp Thr Ser Lys Ser Thr Ala Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr Arg Ser Tyr Ala Met Asp Tyr Trp
Gly Gln Gly Thr Leu Val Thr Val Ser Ser

SEQ ID NO: 9 shows the amino acid sequence of a grafted anti-TNFα Fab CDP870 light chain.

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp Arg
Val Thr Ile Thr Cys Lys Ala Ser Gln Asn Val Gly Thr Asn Val Ala Trp Tyr
Gln Gln Lys Pro Gly Lys Ala Pro Lys Ala Leu Ile Tyr Ser Ala Ser Phe Leu
Tyr Ser Gly Val Pro Tyr Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
Tyr Asn Ile Tyr Pro Leu Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys
Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala
Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser
Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr
Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His
Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys

SEQ ID NO: 10 shows the amino acid sequence of a grafted anti-TNFα Fab CDP870 heavy chain.

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Tyr Val Phe Thr Asp Tyr Gly Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Met Gly Trp Ile Asn Thr Tyr Ile Gly Glu Pro Ile Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Phe Ser Leu Asp Thr Ser Lys Ser Thr Ala Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr Arg Ser Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Ala Ala