- **Anti-IL-12 Antibody (ABT-874) Heavy Chain Variable Region Sequence**

```
1         10          20          30          40
QVQLVESGGG VVQPGRSLRL SCAASGFTFS SYGMHWVRQA
                                    CDR1

PGKGLEQVAF IRYDGSNKYY ADSVKGRFTI SRDNSKNTLY
               CDR2

LQMNSLRAED TAVYYCKTHG SHDNWGQGTM VTVSS
                     CDR3
```

- **Anti-IL-12 Antibody (ABT-874) Light Chain Variable Region Sequence**

```
1         10          20          30          40
QSVLTQPPSV SGAPGQRVTI SCSGSRSNIG SNTVKWYQQL
                              CDR1

PGTAPKLLIY YGNDQRPSGV PDRFSGSKGT SASLAITGVQ
             CDR2

AEDEADYYCQ SYDRYTHPAL LFGTGTKVTVLG
             CDR3
```

FIG.1

- **Anti-IL-18 Antibody (ABT-325) Heavy Chain Sequence**

```
1         10         20         30         40         50

EVQLVQSGTE VKKPGESLKI SCKGSGYTVT SYWIGWVRQM PGKGLEWMGF

IYPGDSETRY SPTFQGQVTI SADKSFNTAF LQWSSLKASD TAMYYCARVG

SGWYPYTFDI WGQGTMVTVS SASTKGPSVF PLAPSSKSTS GGTAALGCLV

KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSVV TVPSSSLGTQ

TYICNVNHKP SNTKVDKKVE PKS
```

- **Anti-IL-18 Antibody (ABT-325) Light Chain Sequence**

```
1         10         20         30         40         50
EIVMTQSPAT LSVSPGERAT LSCRASESIS SNLAWYQQKP GQAPRLFIYT

ASTRATDIPA RFSGSGSGTE FTLTISSLQS EDFAVYYCQQ YNNWPSITFG

QGTRLEIKRT VAAPSVFIFP PSDEQLKSGT ASVVCLLNNF YPREAKVQWK

VDNALQSGNS QESVTEQDSK DSTYSLSSTL TLSKADYEKH KVYACEVTHQ

GLSSPVTKSF NRGE
```

FIG.2

- **Anti-TNFα Antibody (Adalimumab) Heavy Chain Variable Region Sequence**

```
1          10          20          30          40          50
EVQLVESGGG LVQPGRSLRL SCAASGFTFD DYAMHWVRQA PGKGLEWVSA
                                   CDR1

ITWNSGHIDY ADSVEGRFTI SRDNAKNSLY LQMNSLRAED TAVYYCAKVS
   CDR2

YLSTASSLDY WGQGTLVTVS S
   CDR3
```

- **Anti-TNFα Antibody (Adalimumab) Light Chain Variable Region Sequence**

```
1          10          20          30          40          50
DIQMTQSPSS LSASVGDRVT ITCRASQGIR NYLAWYQQKP GKAPKLLIYA
                              CDR1

ASTLQSGVPS RFSGSGSGTD FTLTISSLQP EDVATYYCQR YNRAPYTFGQ
CDR2                                      CDR3

GTKVEIK
```

FIG.3

Process flow diagram for the purification of an antibody.

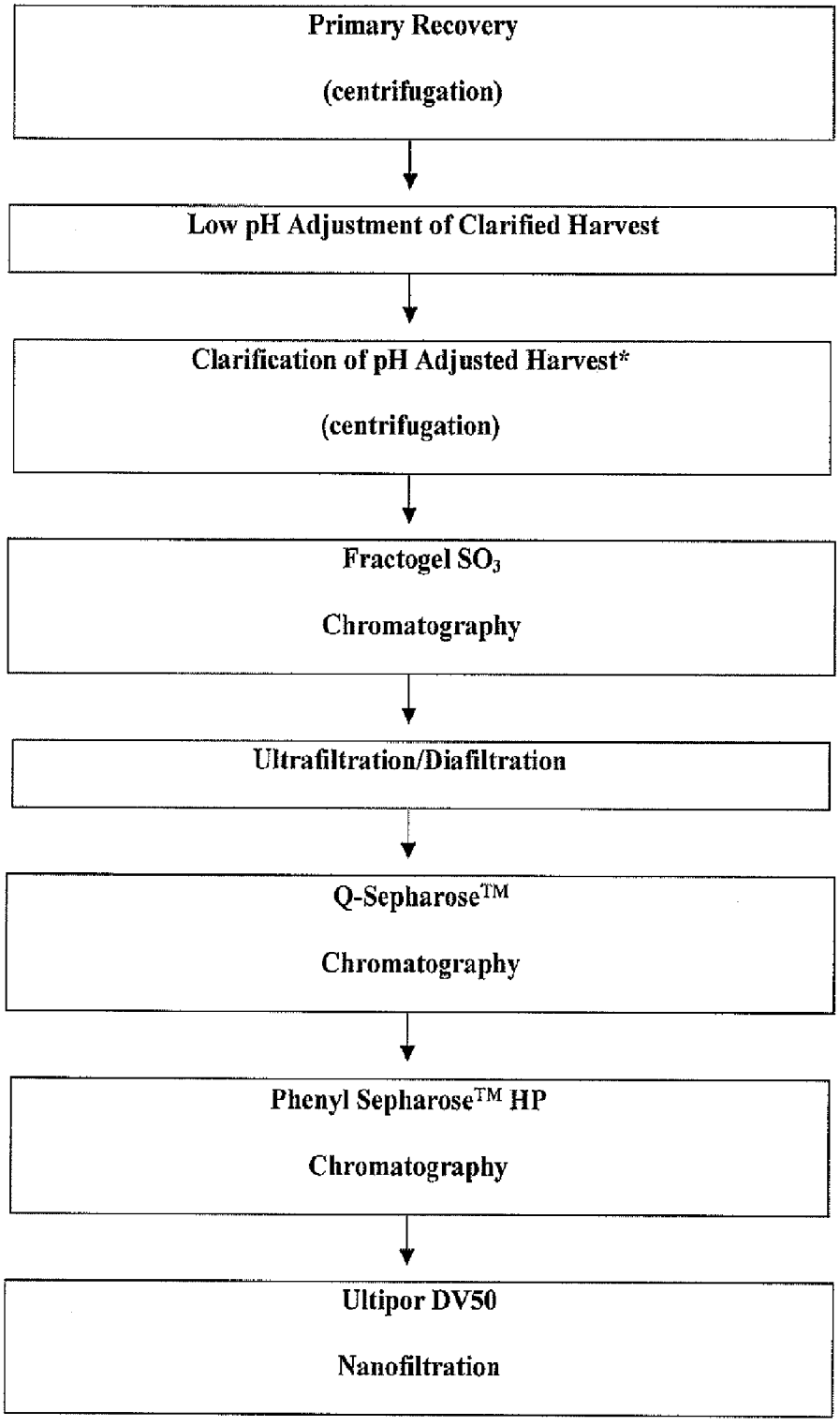
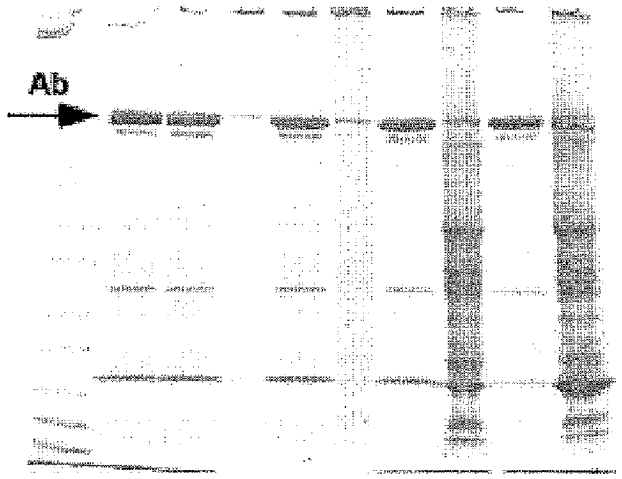


FIG.4

Selective precipitation of host cell protein by pH.



lane 1 MW Std
lane 2 anti-IL18 harvest pH 7.2
lane 3 soluble proteins - pH 6 for 3 h
lane 4 precipitated proteins - pH 6 for 3h
lane 5 soluble proteins - pH 5 for 3 h
lane 6 precipitated proteins - pH 5 for 3 h
lane 7 soluble proteins - pH 4 for 3 h
lane 8 precipitated proteins - pH 4 for 3h
lane 9 soluble proteins - pH 3.5 for 3 h
lane 10 precipitated proteins - pH 3.5 for 3 h

FIG.5