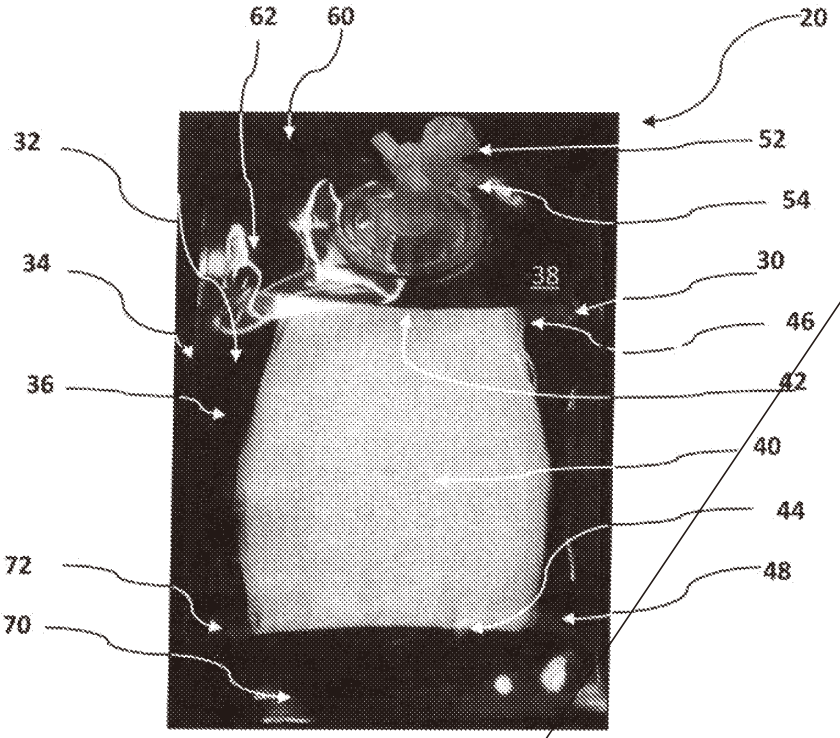


FIGURE 1

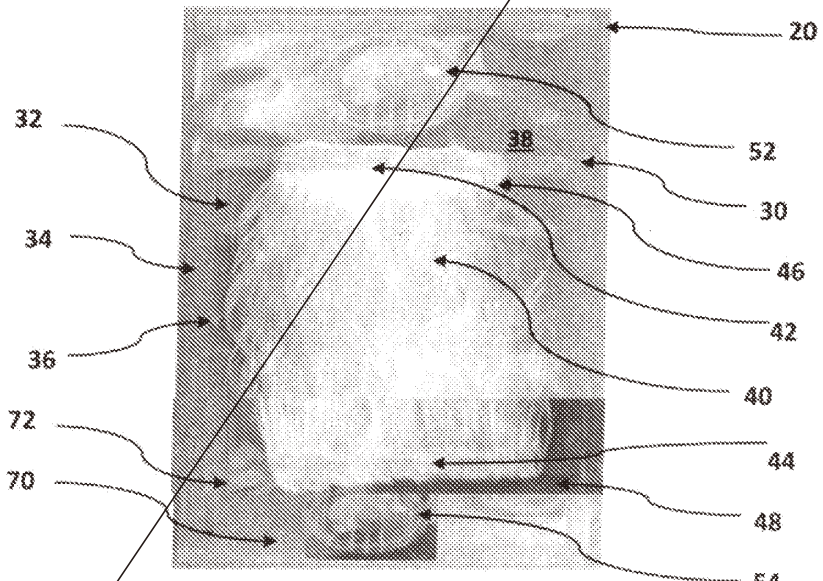


FIGURE 2

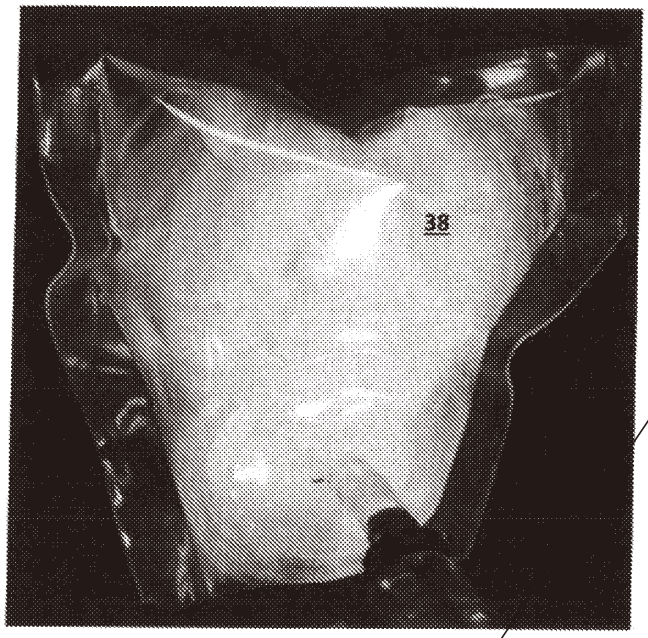


FIGURE 3

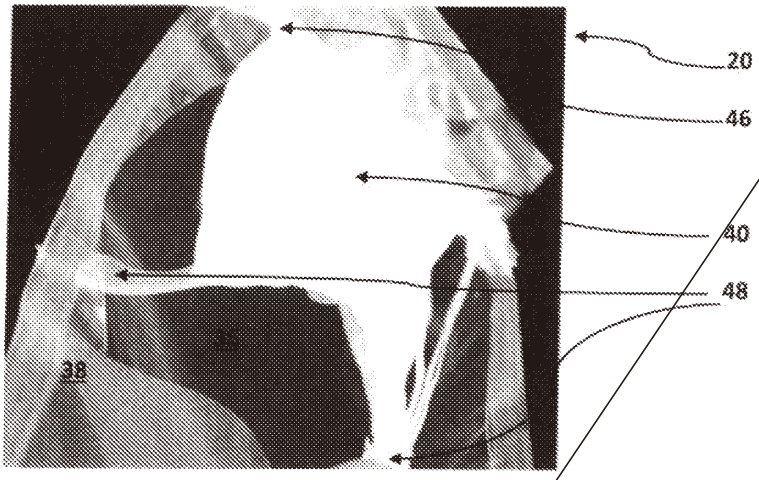


FIGURE 4

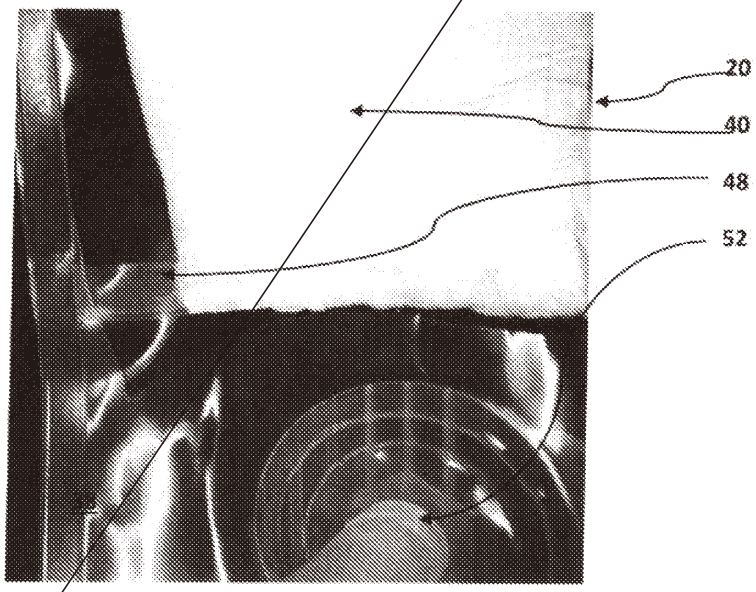


FIGURE 5

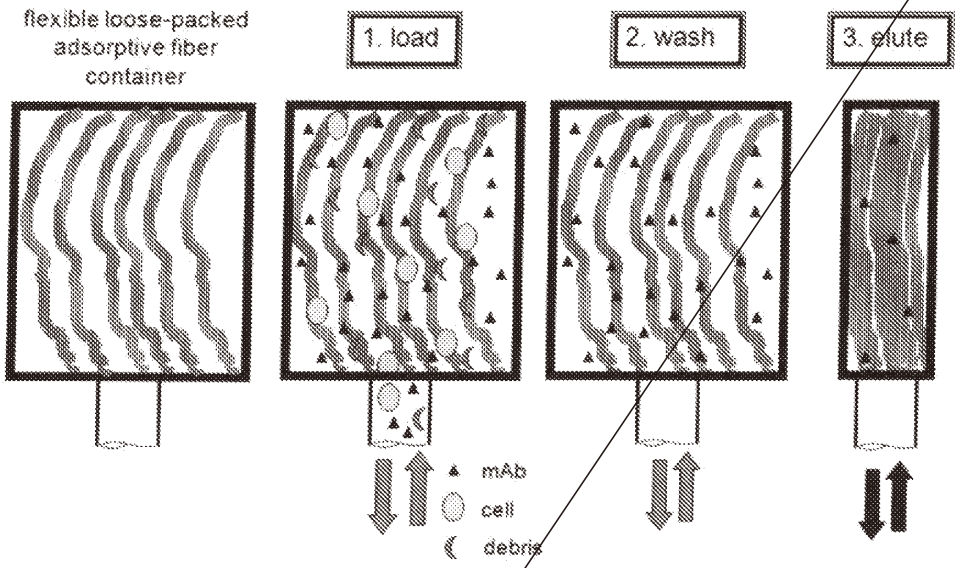

flexible loose-packed adsorptive fiber container
1. load
2. wash
3. elute
mAb
cell
debris

FIGURE 6

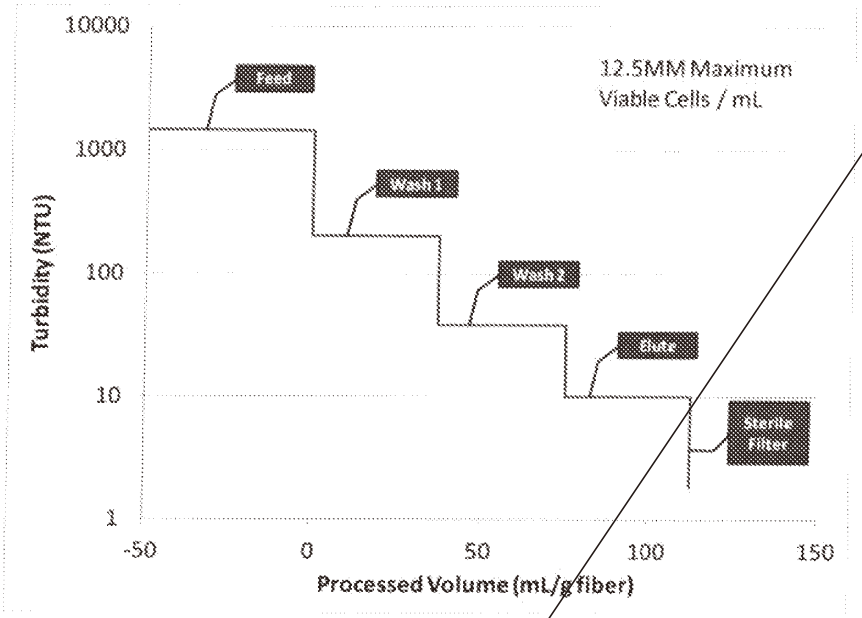

10000
1000
100
10
1
Turbidity (NTU)
Feed
Wash 1
Wash 2
Elute
Sterile Filter
12.5MM Maximum
Viable Cells / mL
-50
0
50
100
150
Processed Volume (mL/g fiber)

FIGURE 7

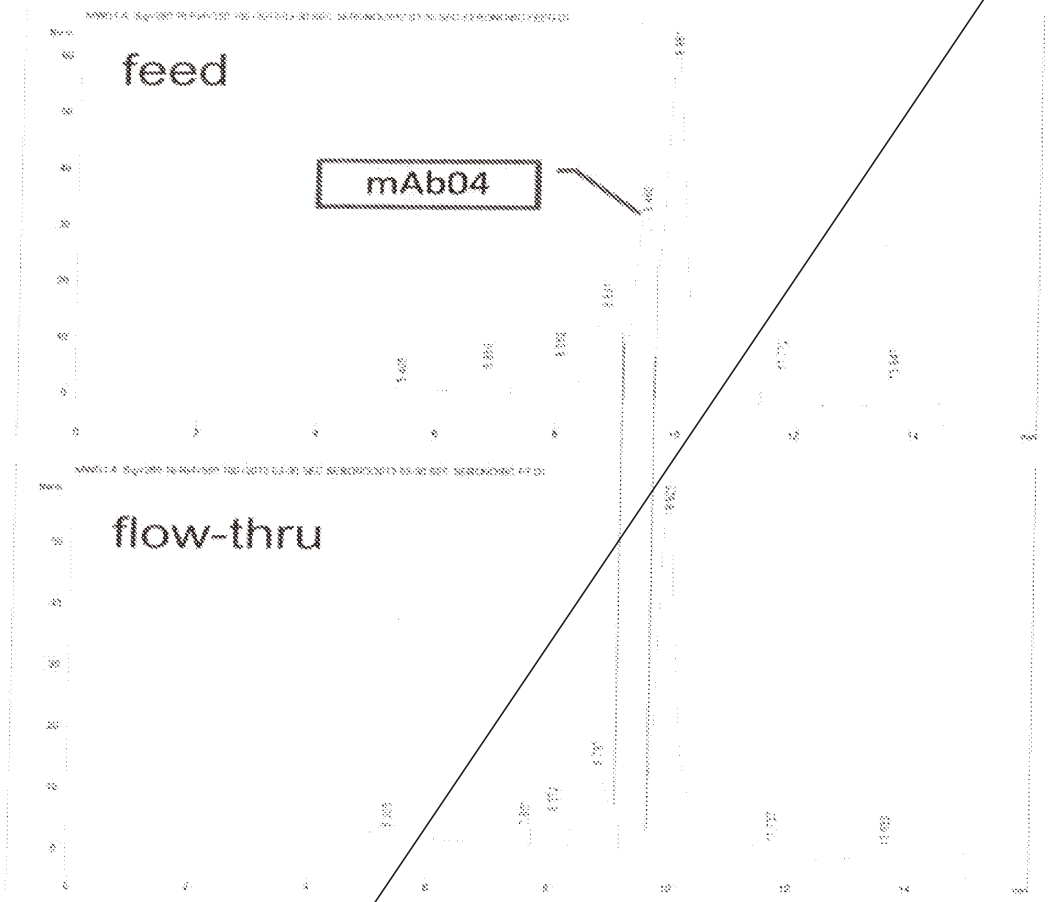


FIGURE 8A and 8B

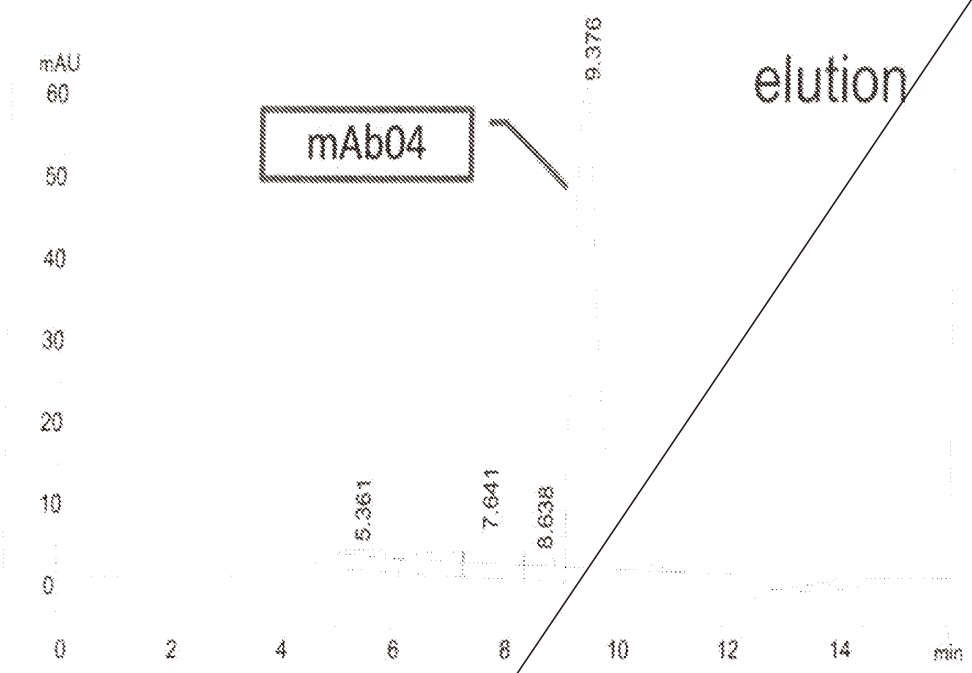

mAU
60
50
40
30
20
10
0
mAb04
elution
9.376
5.361
7.641
8.638
0
2
4
6
8
10
12
14
min

FIGURE 9

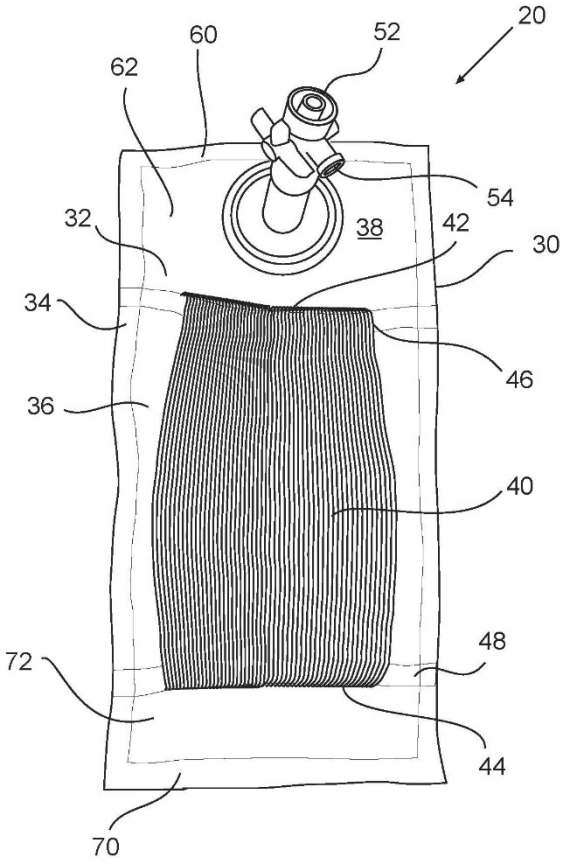


Figure 1

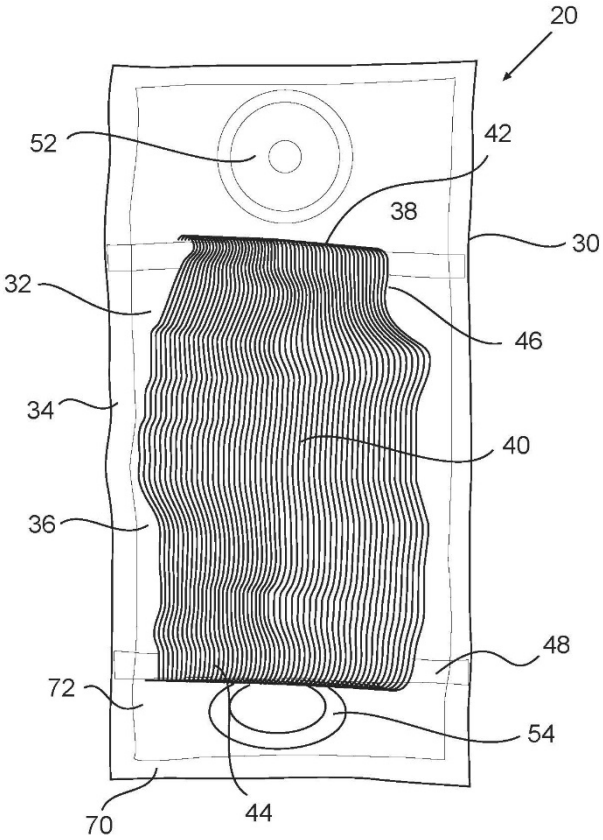


Figure 2

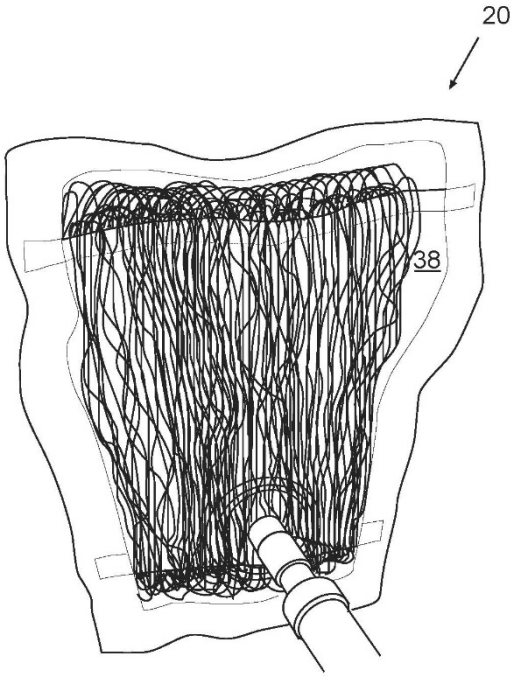


Figure 3

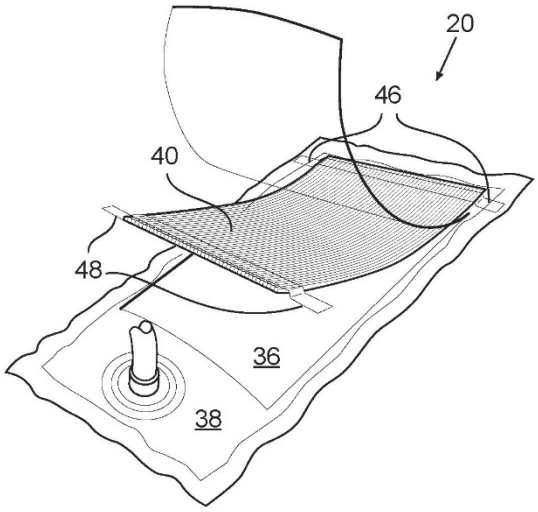


Figure 4

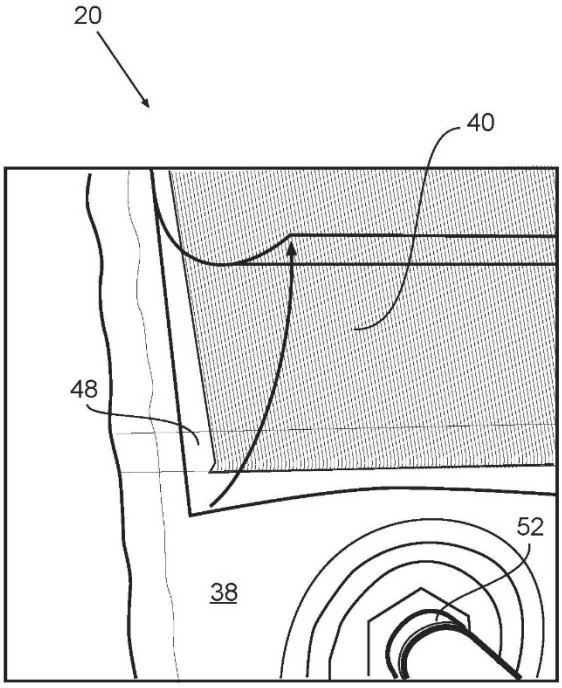


Figure 5

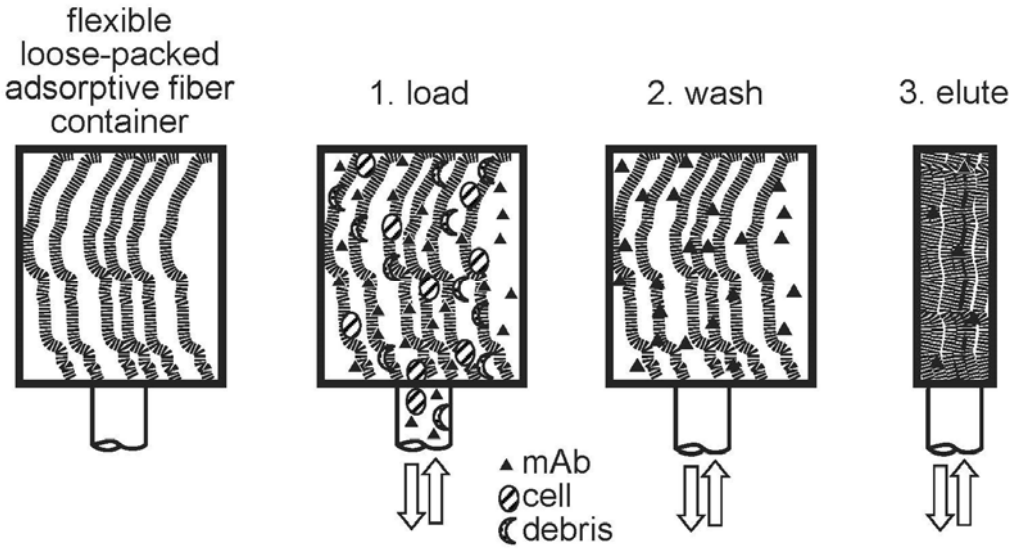

flexible
loose-packed
adsorptive fiber
container
1. load
2. wash
3. elute
mAb
cell
debris

Figure 6

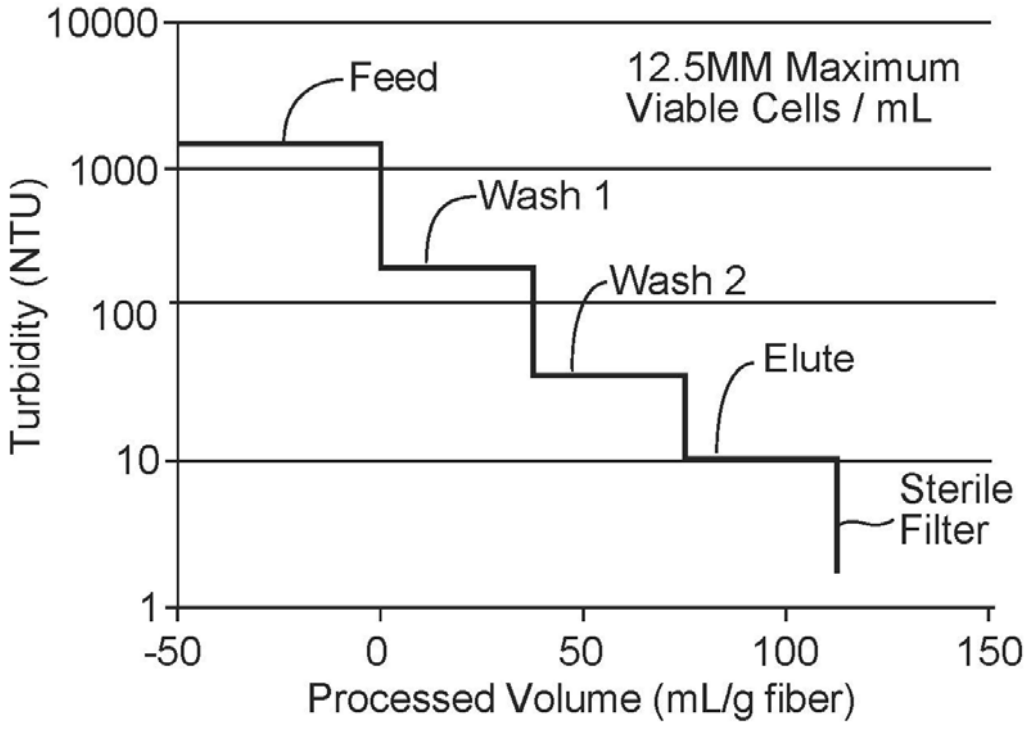

10000
1000
100
10
1
Turbidity (NTU)
Feed
12.5MM Maximum
Viable Cells / mL
Wash 1
Wash 2
Elute
Sterile
Filter
-50
0
50
100
150
Processed Volume (mL/g fiber)

Figure 7

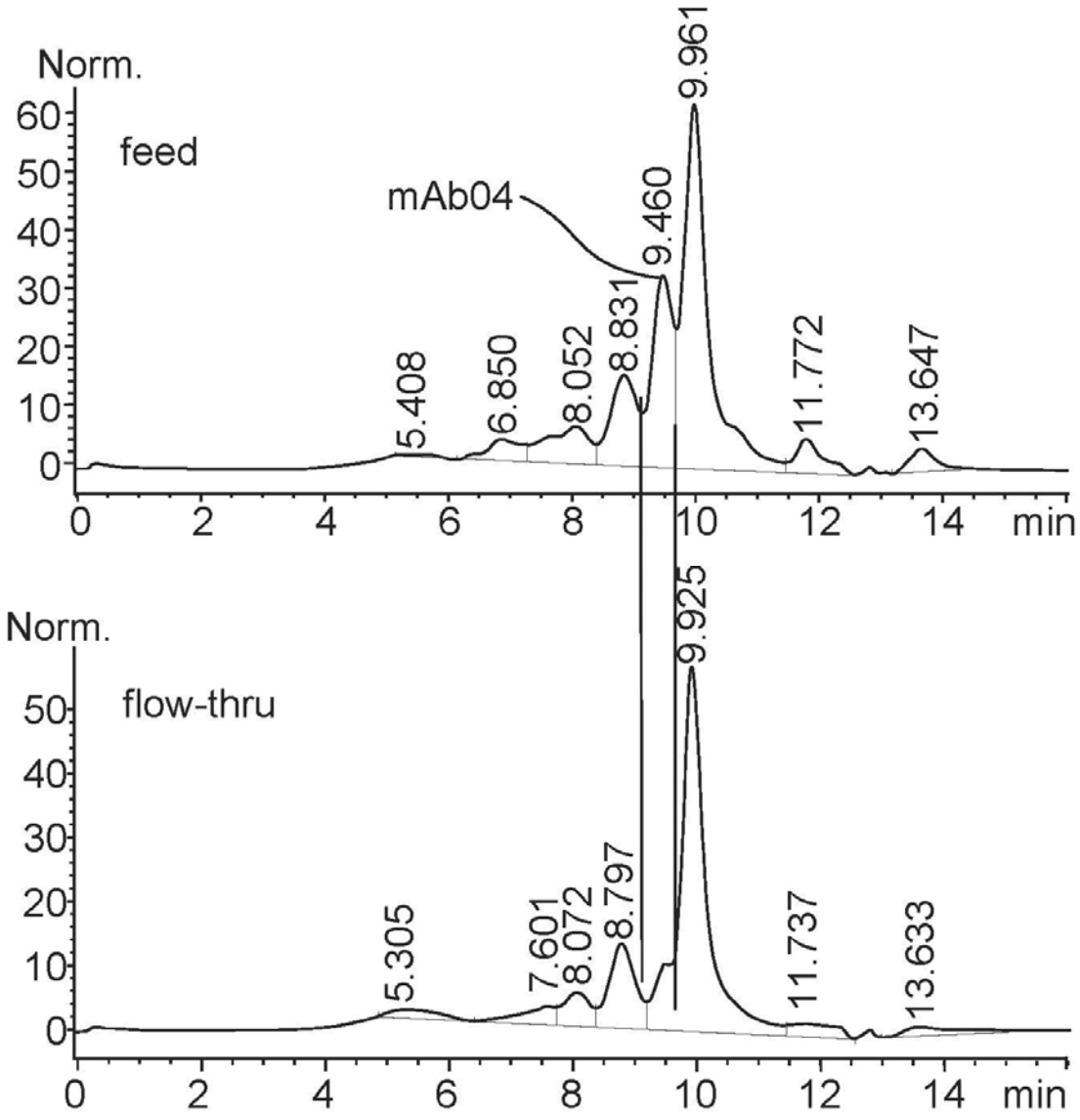

Norm.
feed
mAb04
9.961
9.460
8.831
8.052
6.850
5.408
11.772
13.647
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
min
Norm.
flow-thru
9.925
8.797
8.072
7.601
5.305
11.737
13.633
0
10
20
30
40
50
0
2
4
6
8
10
12
14
min

Figure 8A & B

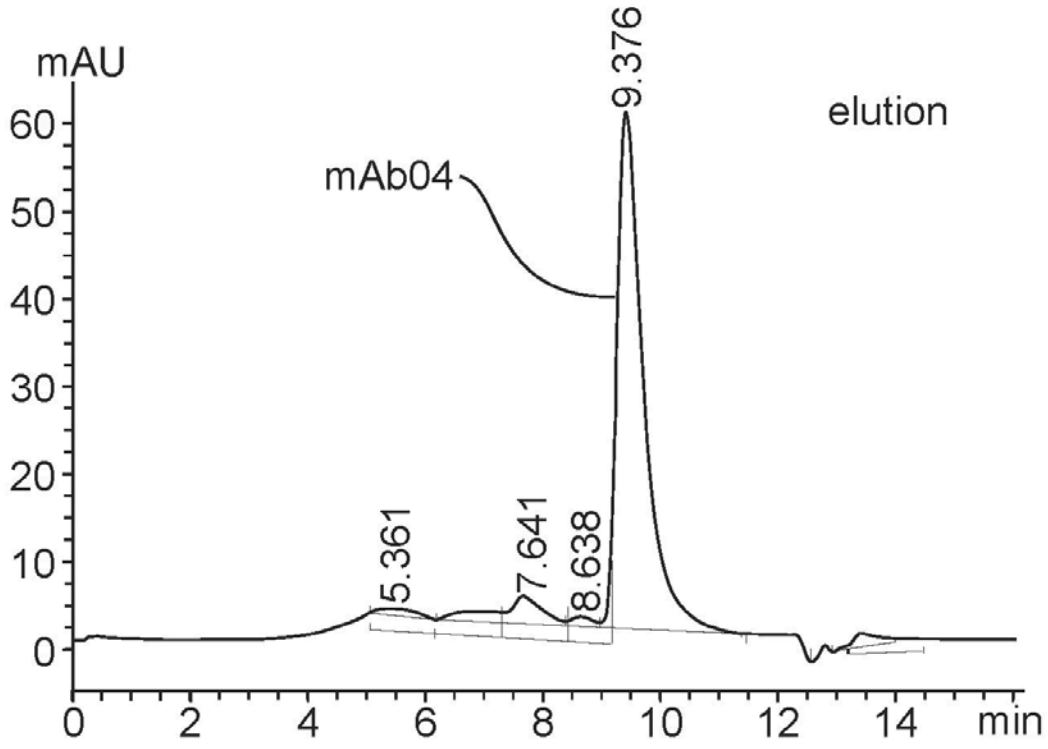

mAU
60
50
40
30
20
10
0
0
2
4
6
8
10
12
14
min
mAb04
9.376
elution
5.361
7.641
8.638

Figure 9