FIG. 1

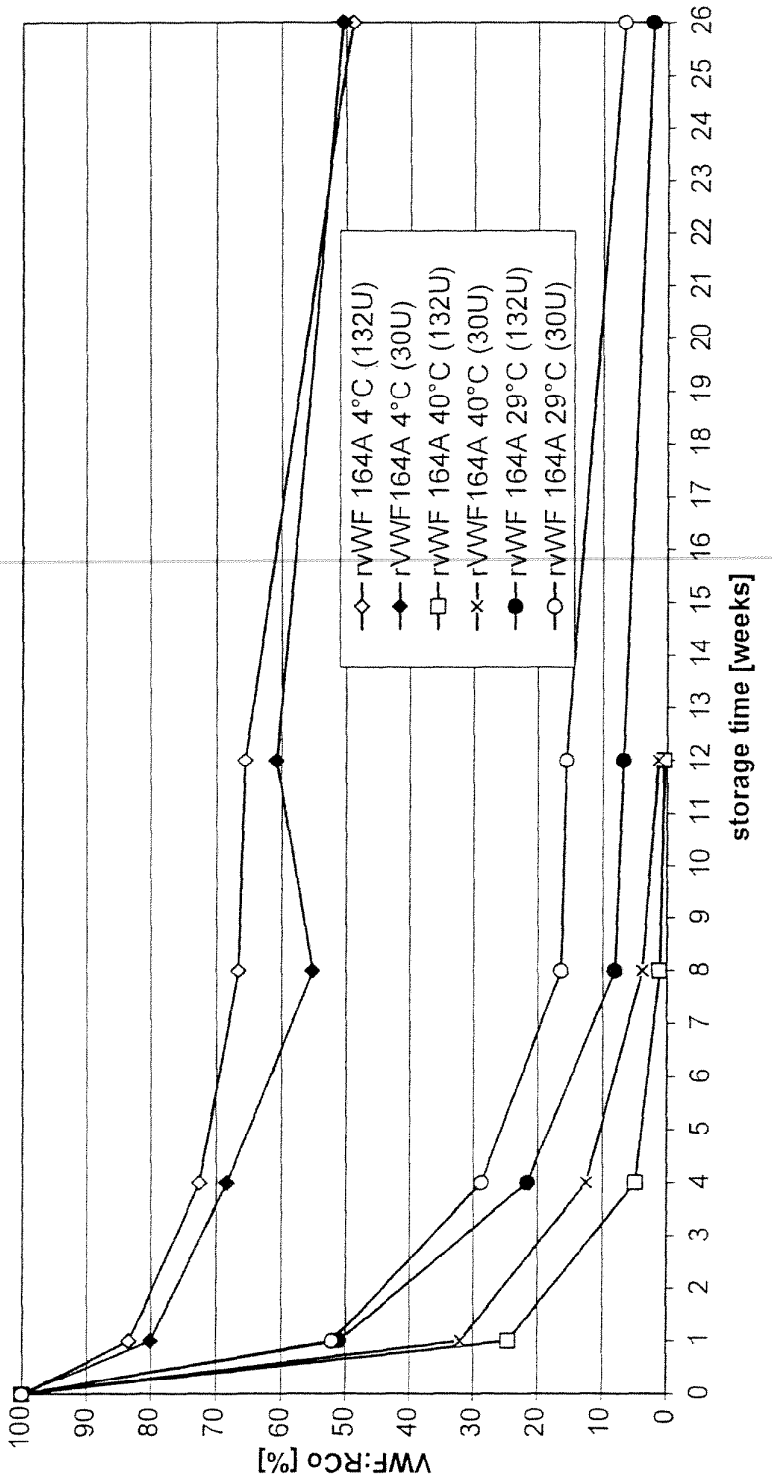

VWF:RCo [%]
100
90
80
70
60
50
40
30
20
10
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
storage time [weeks]
rVWF 164A 4°C (132U)
rVWF164A 4°C (30U)
rVWF 164A 40°C (132U)
rVWF164A 40°C (30U)
rVWF 164A 29°C (132U)
rVWF 164A 29°C (30U)

FIG. 2

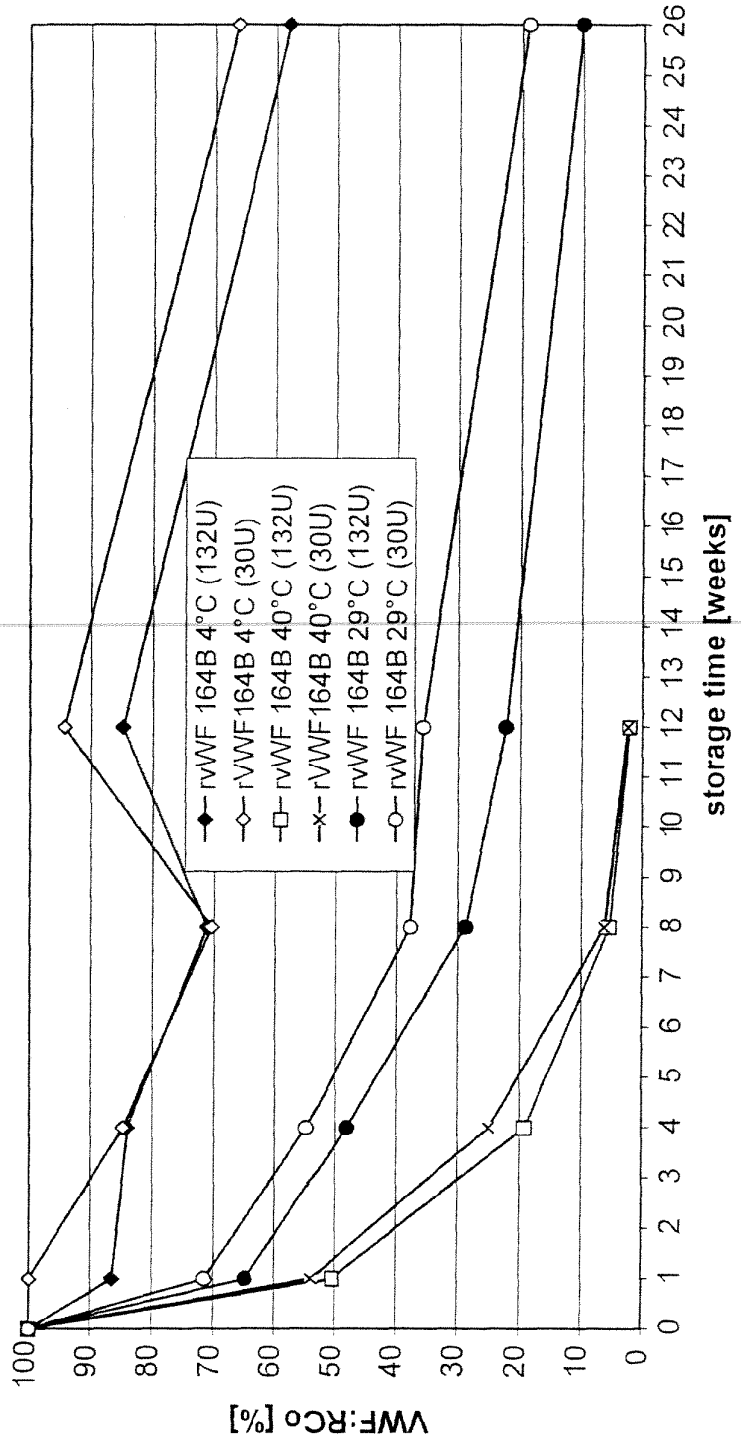

VWF:RCo [%]
100
90
80
70
60
50
40
30
20
10
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
storage time [weeks]
rvWF 164B 4°C (132U)
rVWF164B 4°C (30U)
rvWF 164B 40°C (132U)
rVWF164B 40°C (30U)
rvWF 164B 29°C (132U)
rvWF 164B 29°C (30U)

FIG. 3

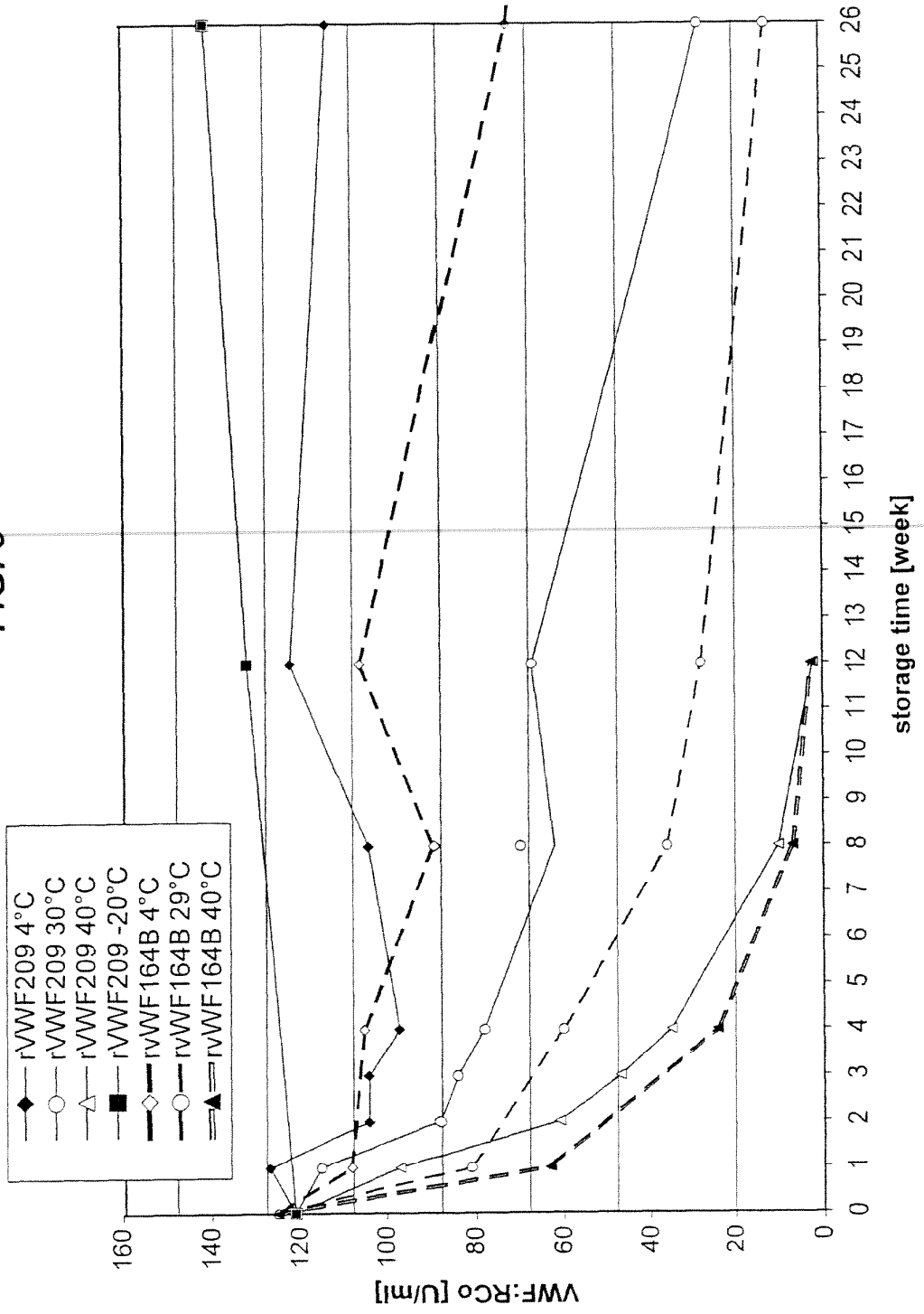

rVWF209 4°C
rVWF209 30°C
rVWF209 40°C
rVWF209 -20°C
rvWF164B 4°C
rvWF164B 29°C
rvWF164B 40°C
VWF:RCo [U/ml]
0
20
40
60
80
100
120
140
160
storage time [week]
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

FIG. 4

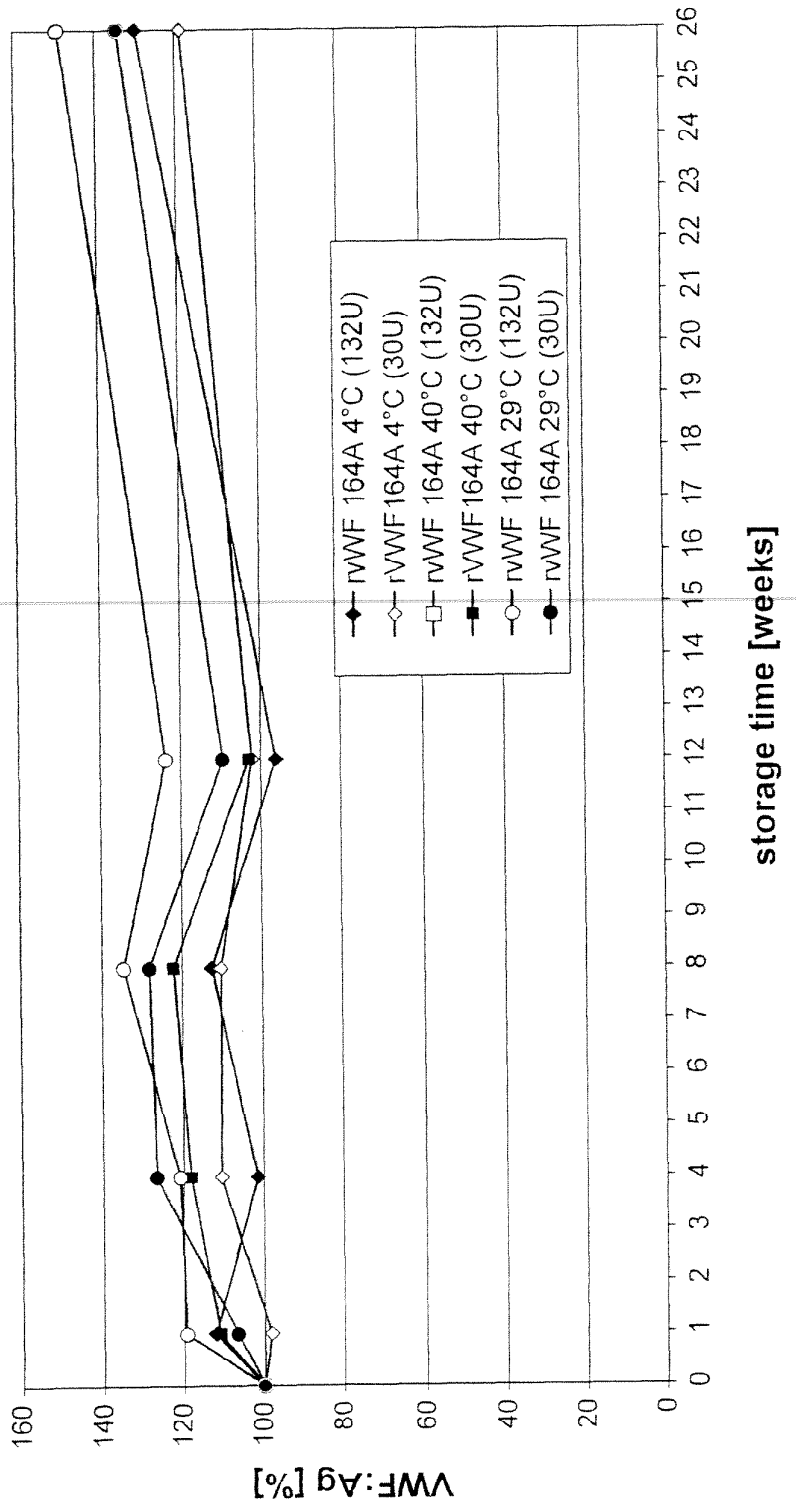

rVWF 164A 4°C (132U)
rVWF 164A 4°C (30U)
rVWF 164A 40°C (132U)
rVWF 164A 40°C (30U)
rVWF 164A 29°C (132U)
rVWF 164A 29°C (30U)
VWF:Ag [%]
storage time [weeks]
0
20
40
60
80
100
120
140
160
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

FIG. 5

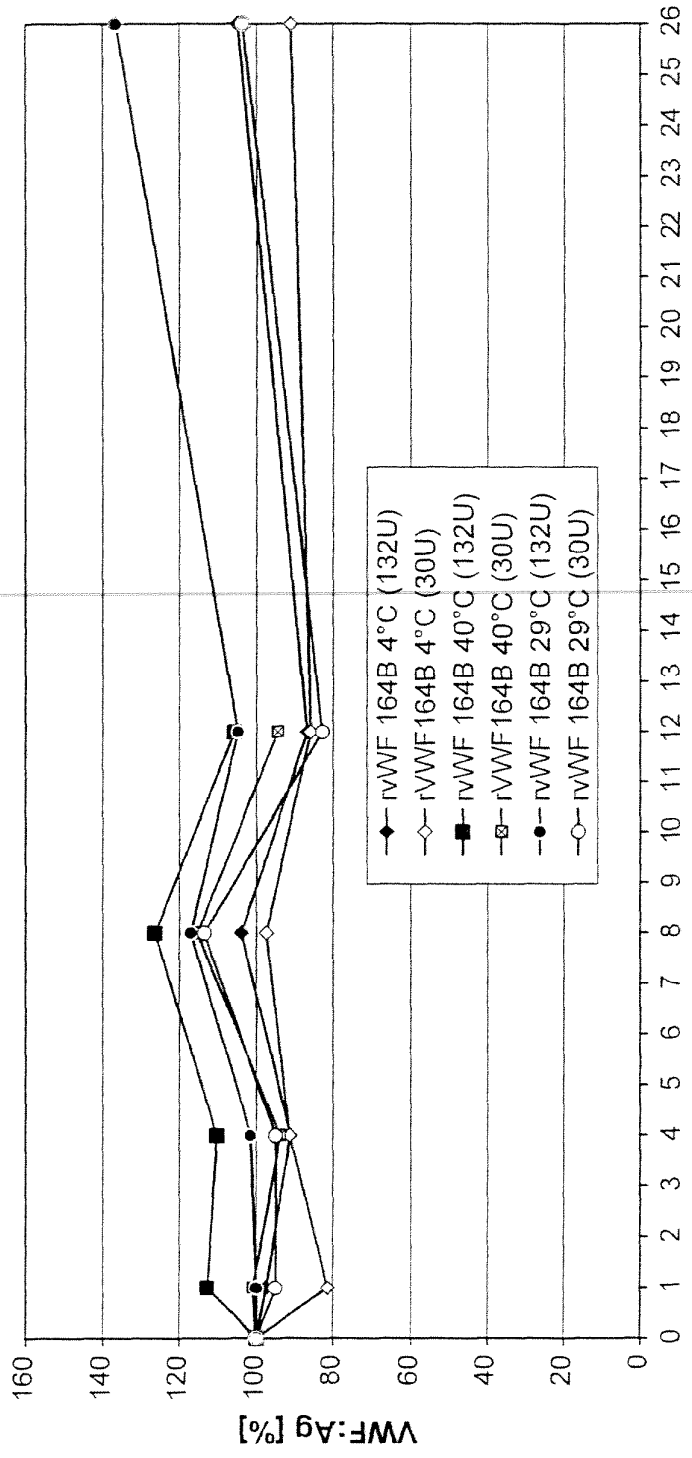

VWF:Ag [%]
160
140
120
100
80
60
40
20
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
storage time [weeks]
rVWF 164B 4°C (132U)
rVWF164B 4°C (30U)
rVWF 164B 40°C (132U)
rVWF164B 40°C (30U)
rVWF 164B 29°C (132U)
rVWF 164B 29°C (30U)

FIG. 6

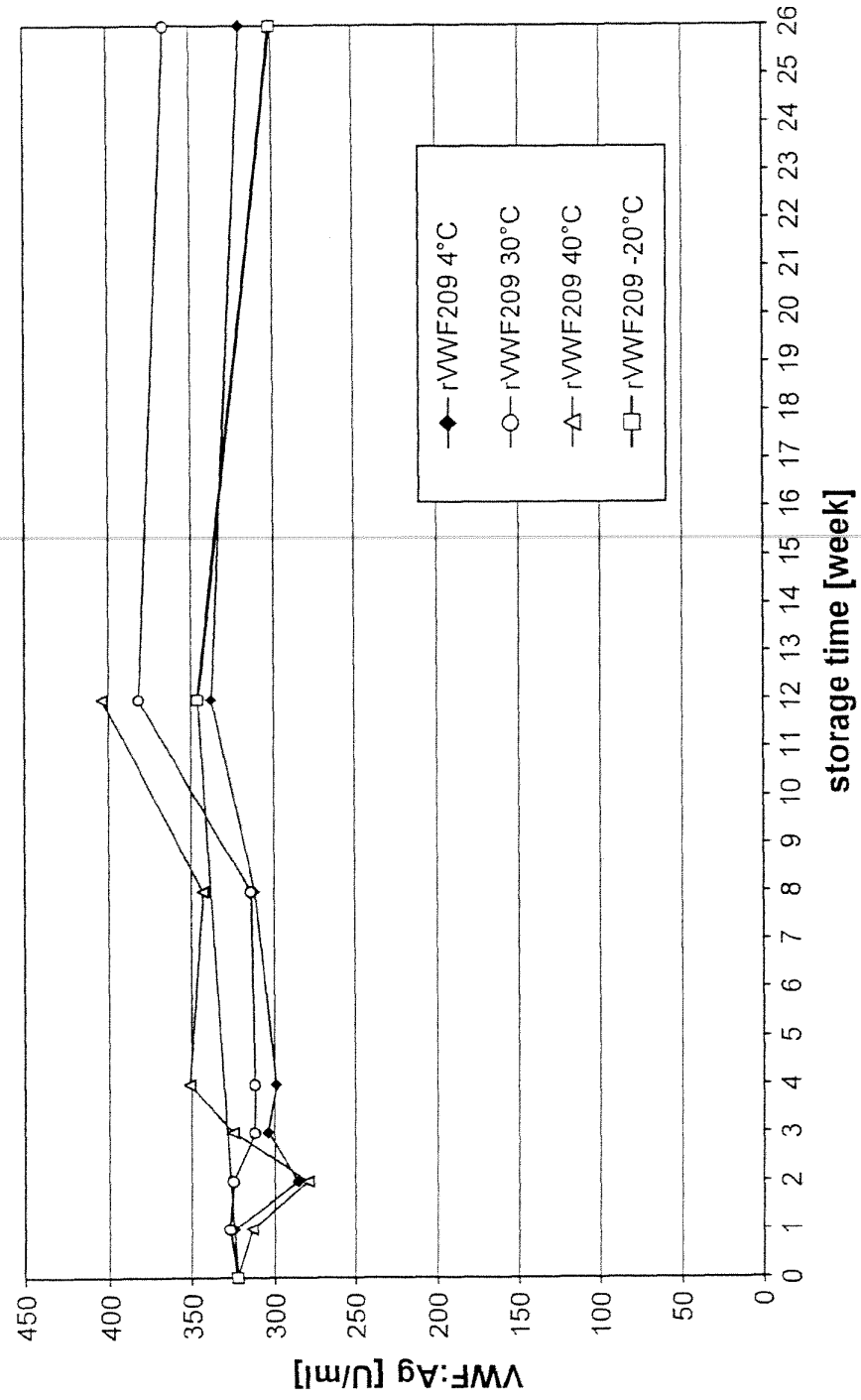

VWF:Ag [U/ml]
450
400
350
300
250
200
150
100
50
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
storage time [week]
rVWF209 4°C
rVWF209 30°C
rVWF209 40°C
rVWF209 -20°C

FIG. 7

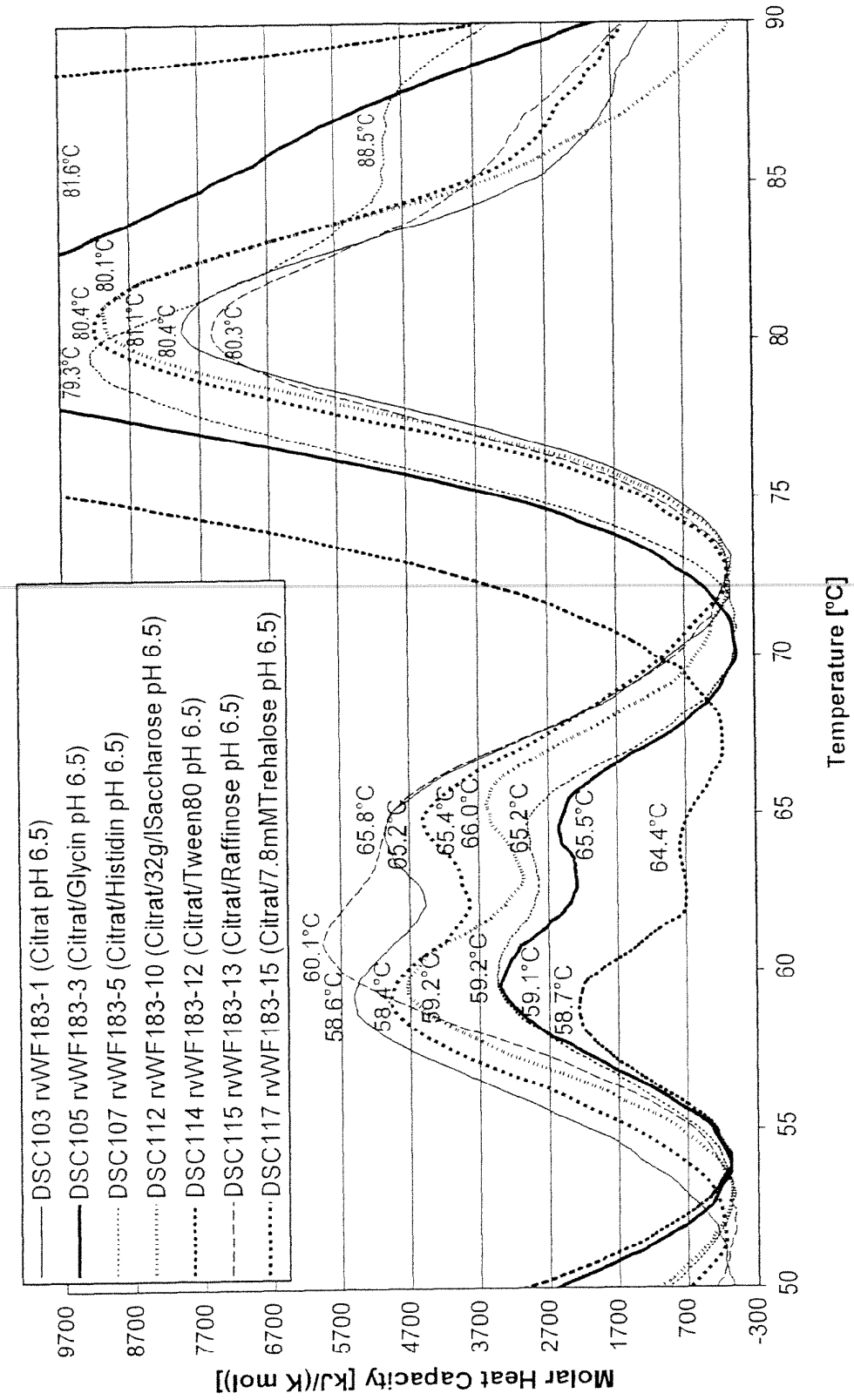

DSC103 rvWF183-1 (Citrat pH 6.5)
DSC105 rvWF183-3 (Citrat/Glycin pH 6.5)
DSC107 rvWF183-5 (Citrat/Histidin pH 6.5)
DSC112 rvWF183-10 (Citrat/32g/lSaccharose pH 6.5)
DSC114 rvWF183-12 (Citrat/Tween80 pH 6.5)
DSC115 rvWF183-13 (Citrat/Raffinose pH 6.5)
DSC117 rvWF183-15 (Citrat/7.8mMTrehalose pH 6.5)
Molar Heat Capacity [kJ/(K mol)]
Temperature [°C]
9700
8700
7700
6700
5700
4700
3700
2700
1700
700
-300
50
55
60
65
70
75
80
85
90
58.6°C
60.1°C
58.4°C
65.8°C
59.2°C
65.2°C
59.2°C
65.4°C
66.0°C
59.2°C
59.1°C
65.2°C
58.7°C
65.5°C
64.4°C
79.3°C
80.4°C
80.1°C
81.1°C
80.4°C
80.3°C
88.5°C
81.6°C

FIG. 8

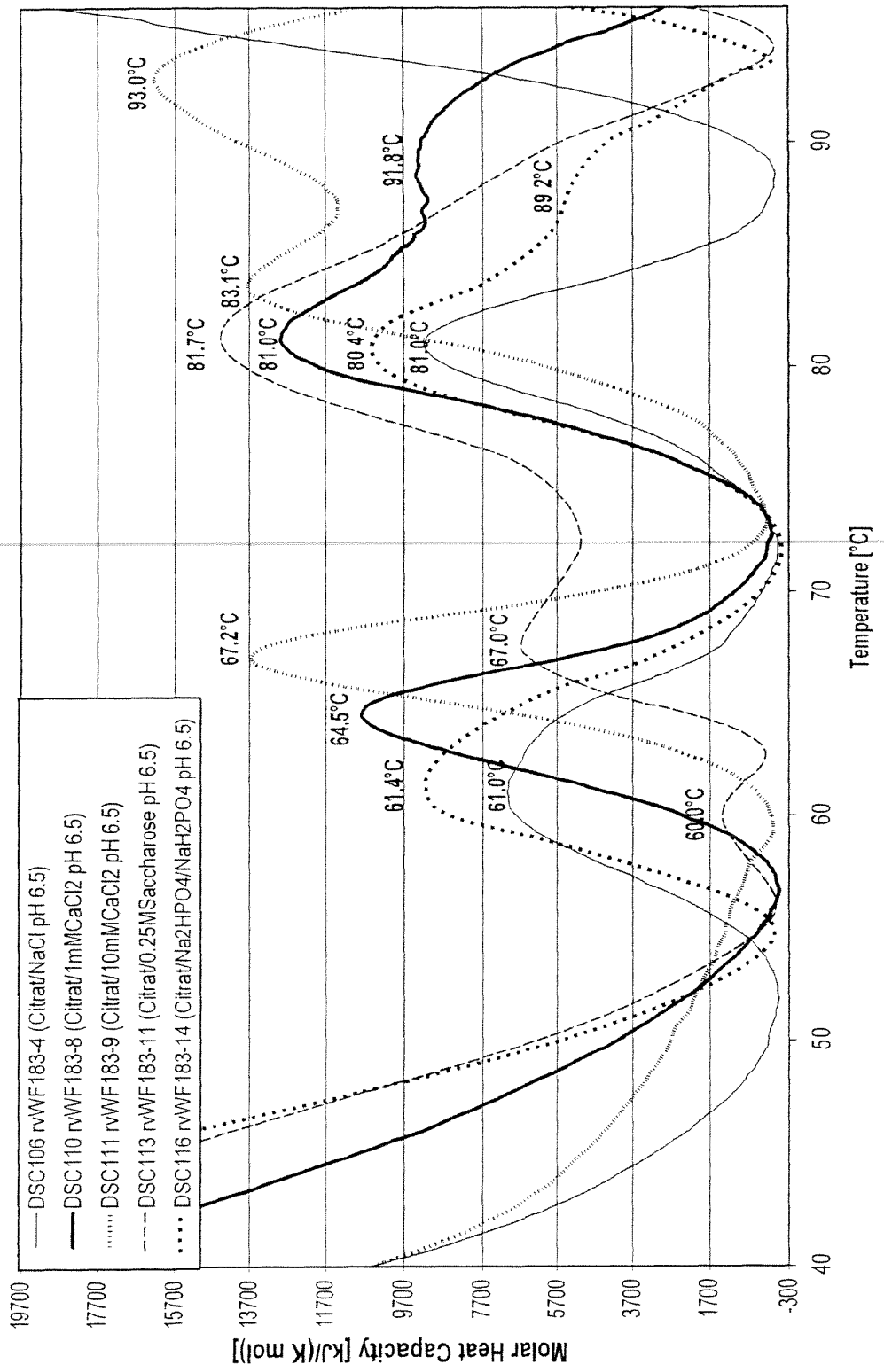
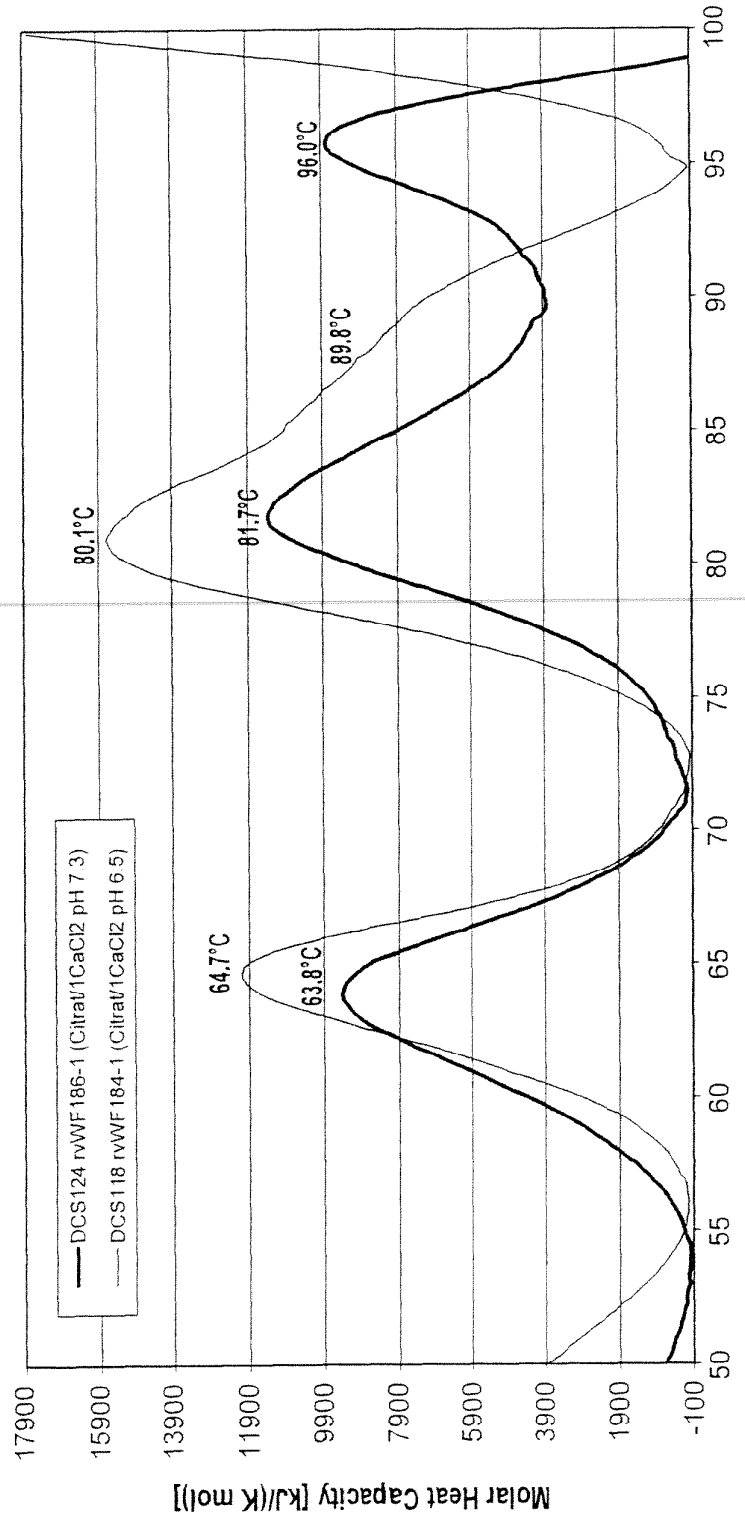

DSC106 rvWF183-4 (Citrat/NaCl pH 6.5)
DSC110 rvWF183-8 (Citrat/1mMCaCl2 pH 6.5)
DSC111 rvWF183-9 (Citrat/10mMCaCl2 pH 6.5)
DSC113 rvWF183-11 (Citrat/0.25MSaccharose pH 6.5)
DSC116 rvWF183-14 (Citrat/Na2HPO4/NaH2PO4 pH 6.5)
Molar Heat Capacity [kJ/(K mol)]
Temperature [°C]
19700
17700
15700
13700
11700
9700
7700
5700
3700
1700
-300
40
50
60
70
80
90
93.0°C
81.7°C
83.1°C
81.0°C
80.4°C
81.0°C
91.8°C
89.2°C
67.2°C
64.5°C
61.4°C
61.0°C
67.0°C
60.0°C

FIG. 9


DCS124 rvWF186-1 (Citrat/1CaCl2 pH 7 3)
DCS118 rvWF184-1 (Citrat/1CaCl2 pH 6 5)
80,1°C
64,7°C
63,8°C
81,7°C
89,8°C
96,0°C
Molar Heat Capacity [kJ/(K mol)]
17900
15900
13900
11900
9900
7900
5900
3900
1900
-100
50
55
60
65
70
75
80
85
90
95
100
Temperature [°C]