Figure 1

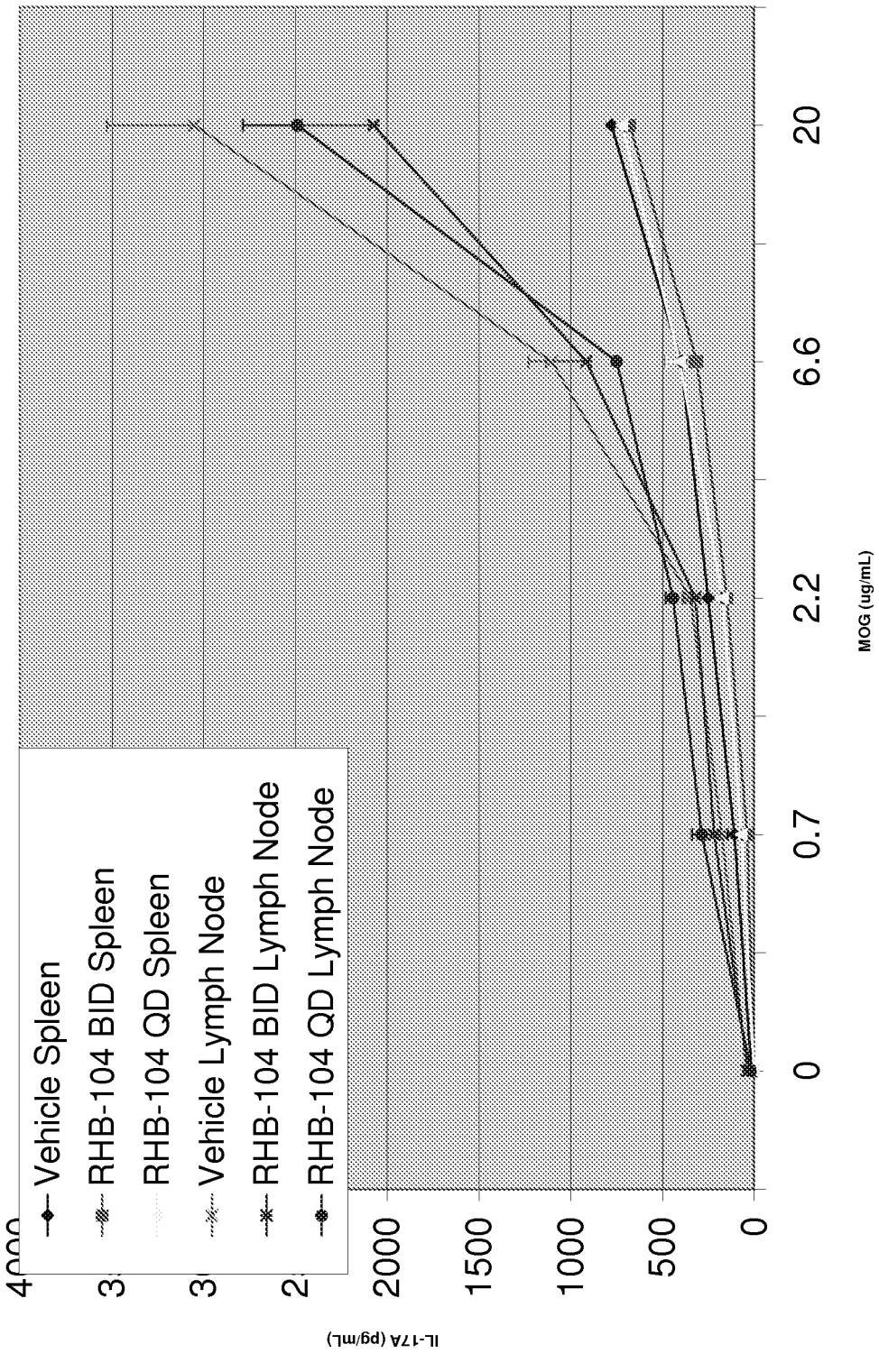

Vehicle Spleen
RHB-104 BID Spleen
RHB-104 QD Spleen
Vehicle Lymph Node
RHB-104 BID Lymph Node
RHB-104 QD Lymph Node
IL-17A (pg/mL)
0
500
1000
1500
2000
0
0.7
2.2
6.6
20
MOG (ug/mL)

Figure 2

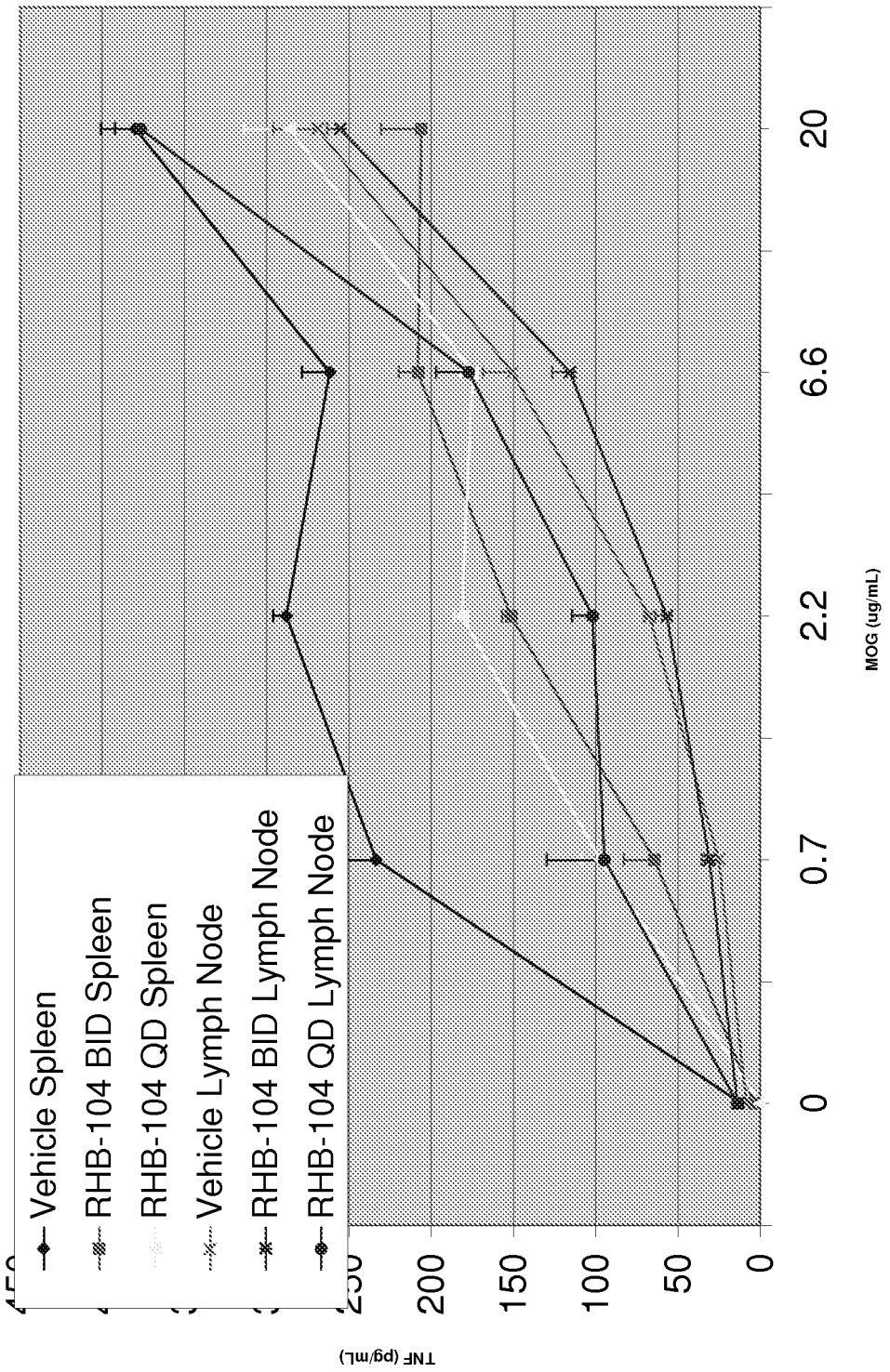

Vehicle Spleen
RHB-104 BID Spleen
RHB-104 QD Spleen
Vehicle Lymph Node
RHB-104 BID Lymph Node
RHB-104 QD Lymph Node
TNF (pg/mL)
0
50
100
150
200
0
0.7
2.2
6.6
20
MOG (ug/mL)

Figure 3

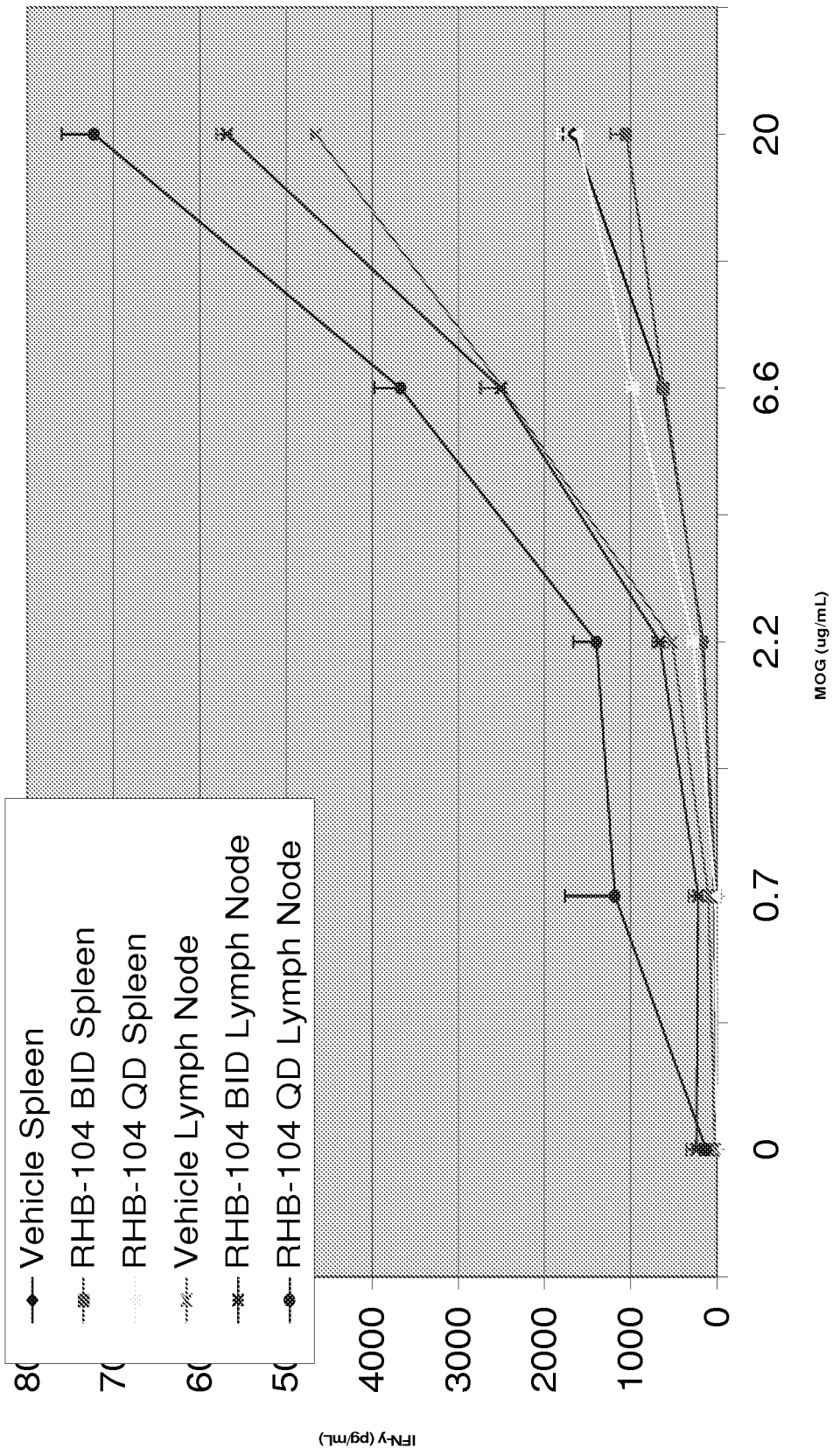

Vehicle Spleen
RHB-104 BID Spleen
RHB-104 QD Spleen
Vehicle Lymph Node
RHB-104 BID Lymph Node
RHB-104 QD Lymph Node
IFN-γ (pg/mL)
0
1000
2000
3000
4000
0
0.7
2.2
6.6
20
MOG (ug/mL)

Figure 4

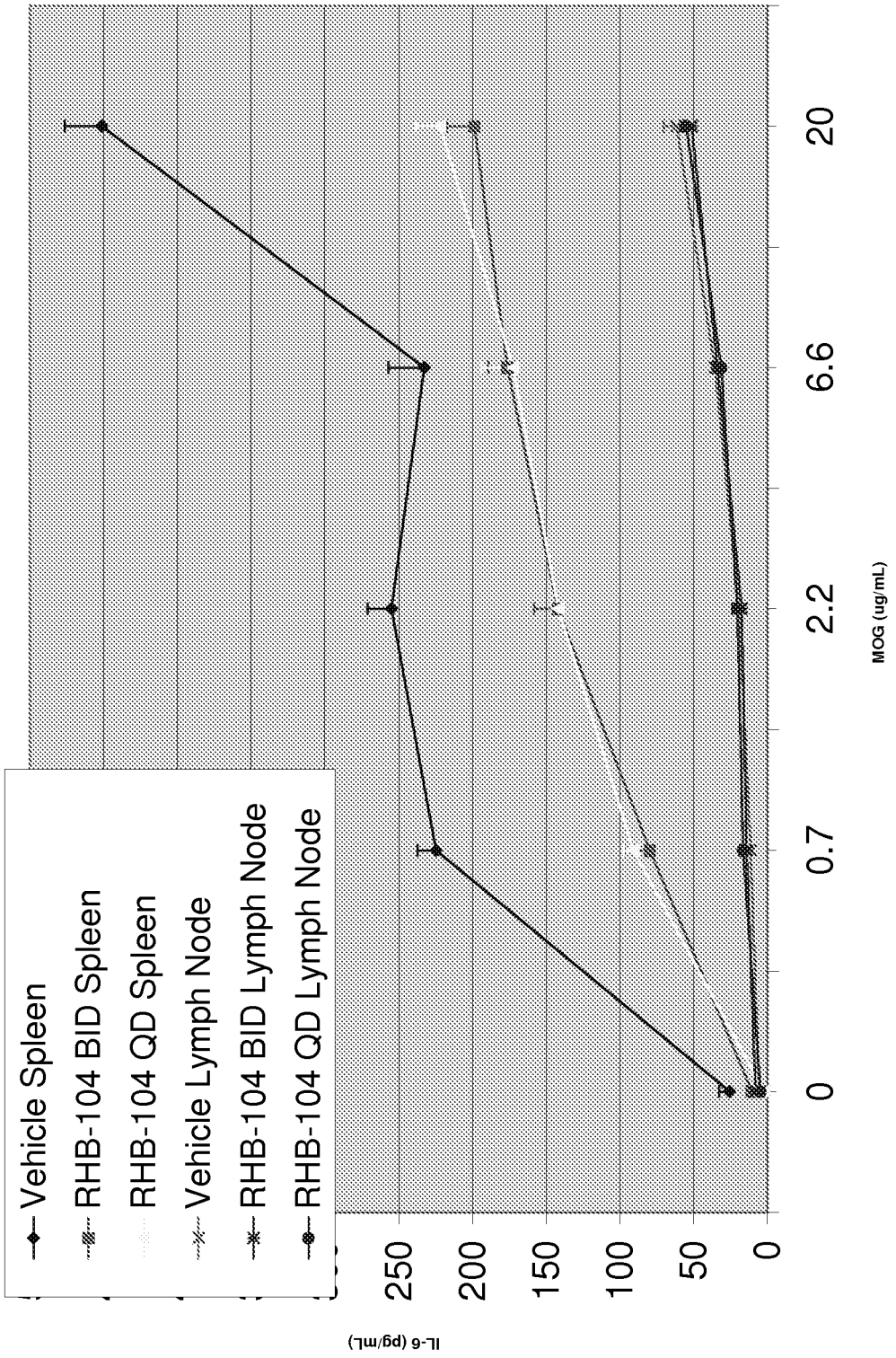

Vehicle Spleen
RHB-104 BID Spleen
RHB-104 QD Spleen
Vehicle Lymph Node
RHB-104 BID Lymph Node
RHB-104 QD Lymph Node
IL-6 (pg/mL)
0
50
100
150
200
250
0
0.7
2.2
6.6
20
MOG (ug/mL)

Figure 5

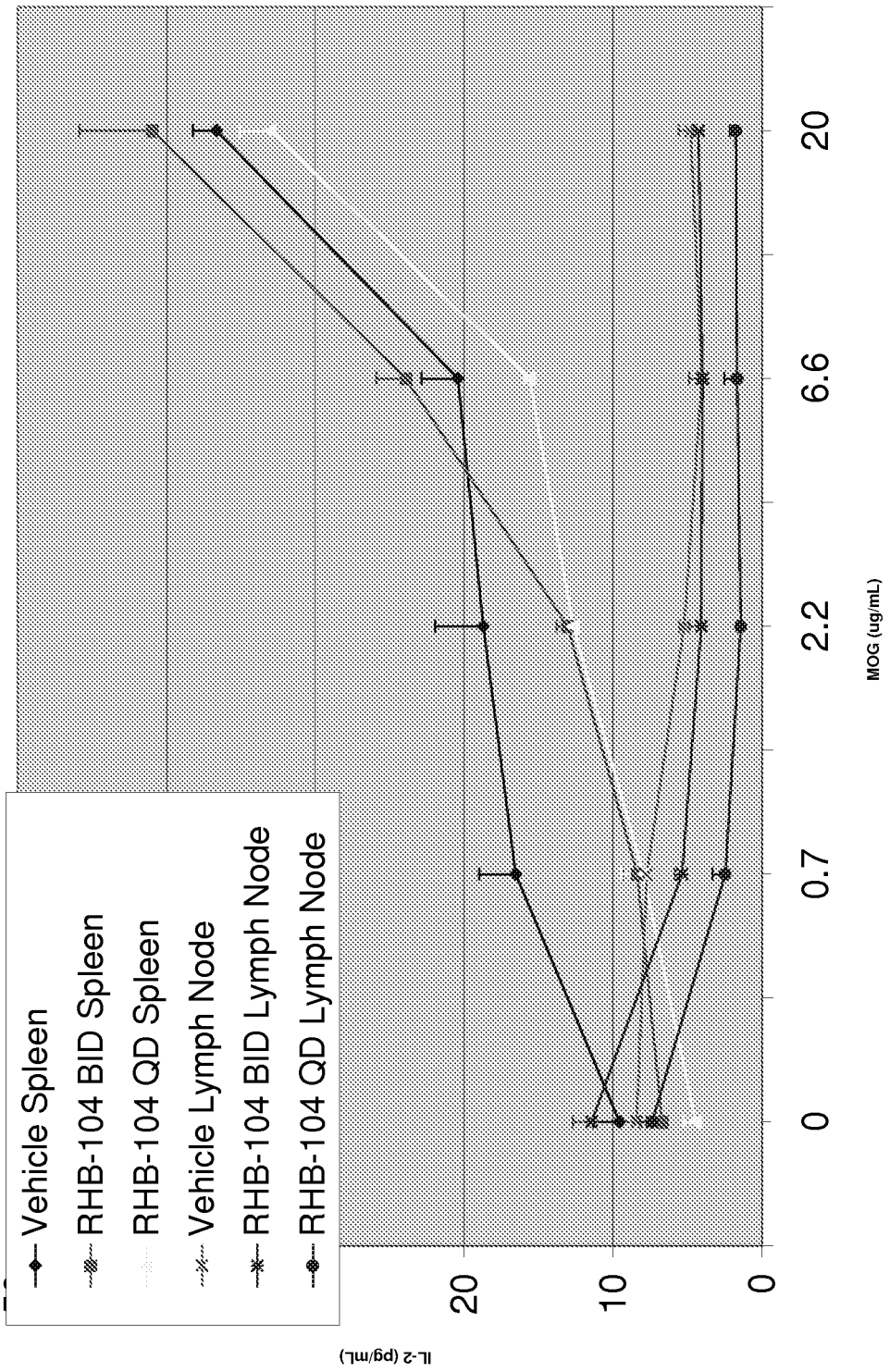

Vehicle Spleen
RHB-104 BID Spleen
RHB-104 QD Spleen
Vehicle Lymph Node
RHB-104 BID Lymph Node
RHB-104 QD Lymph Node
IL-2 (pg/mL)
0
10
20
0
0.7
2.2
6.6
20
MOG (ug/mL)

Figure 6

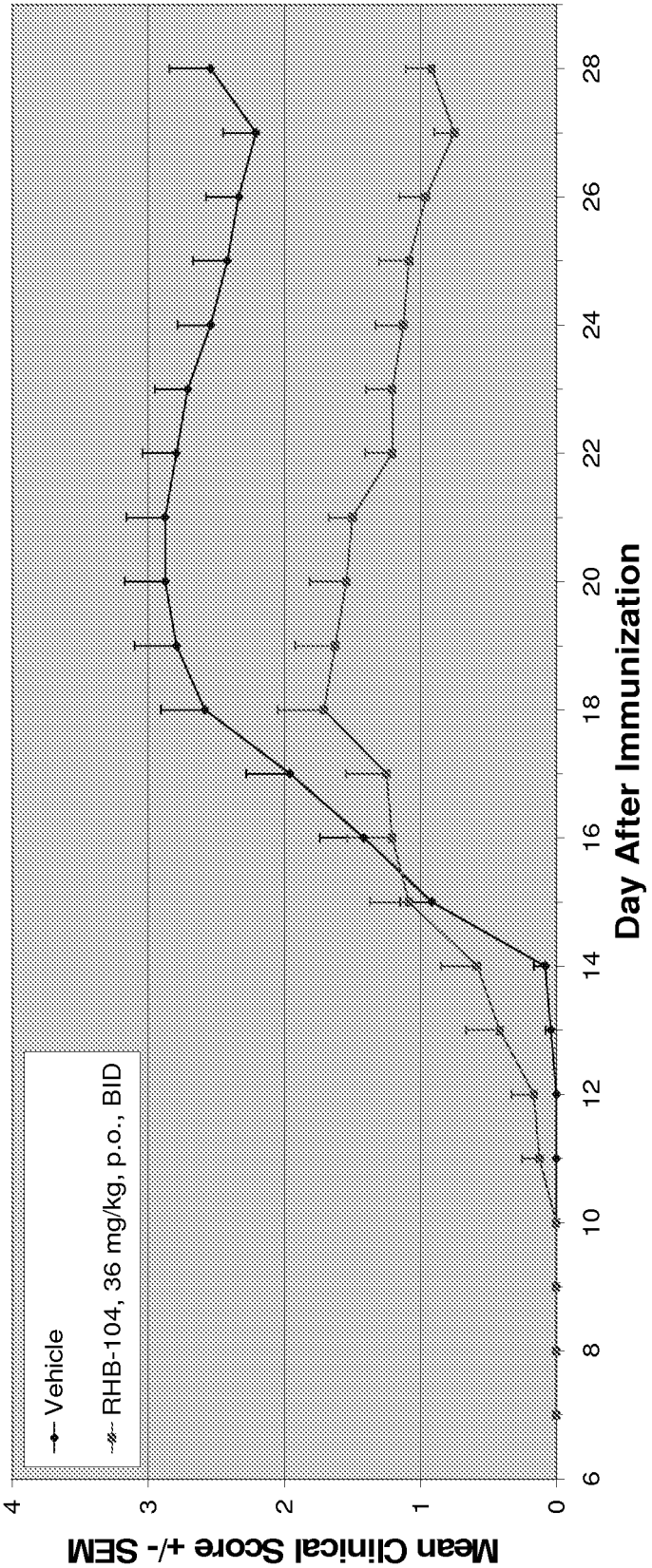

Mean Clinical Score +/- SEM
Day After Immunization
Vehicle
RHB-104, 36 mg/kg, p.o., BID
0
1
2
3
4
6
8
10
12
14
16
18
20
22
24
26
28

Figure 7

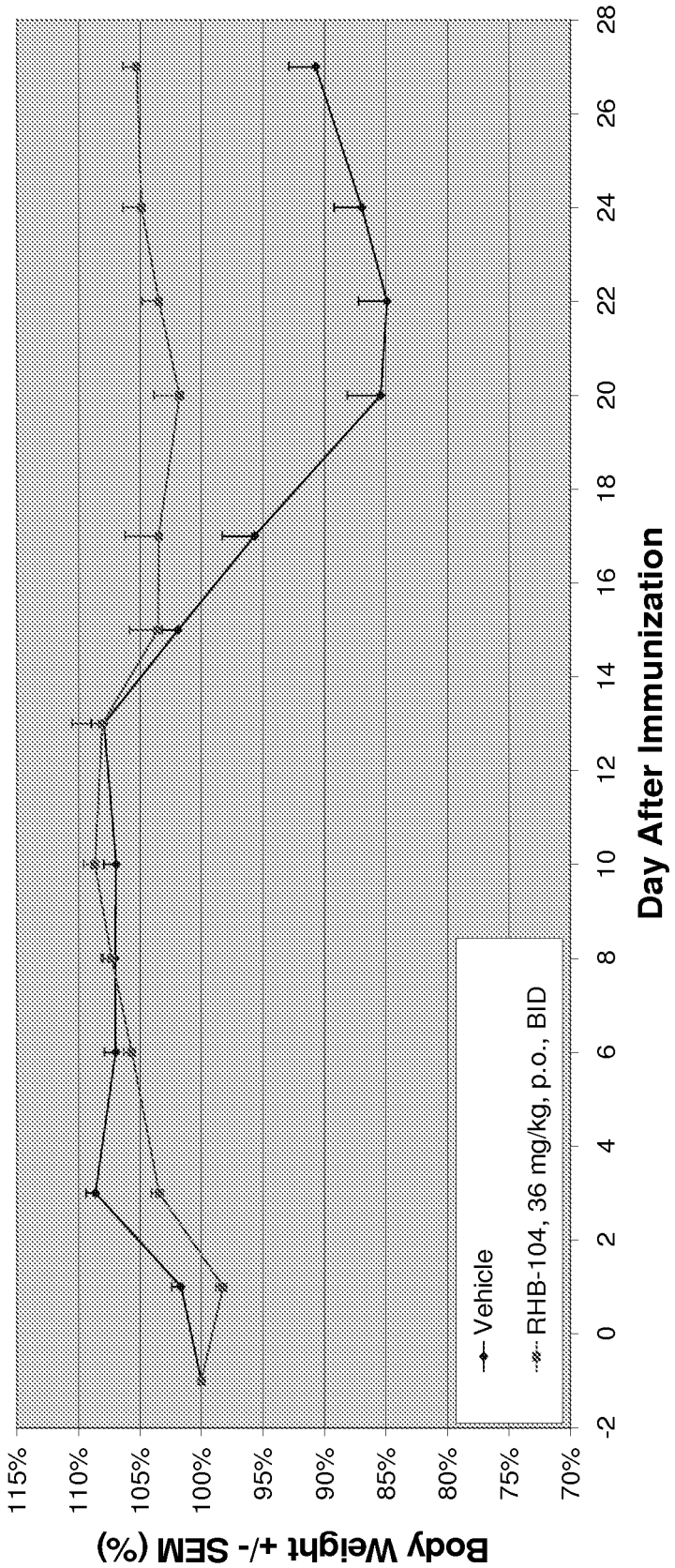
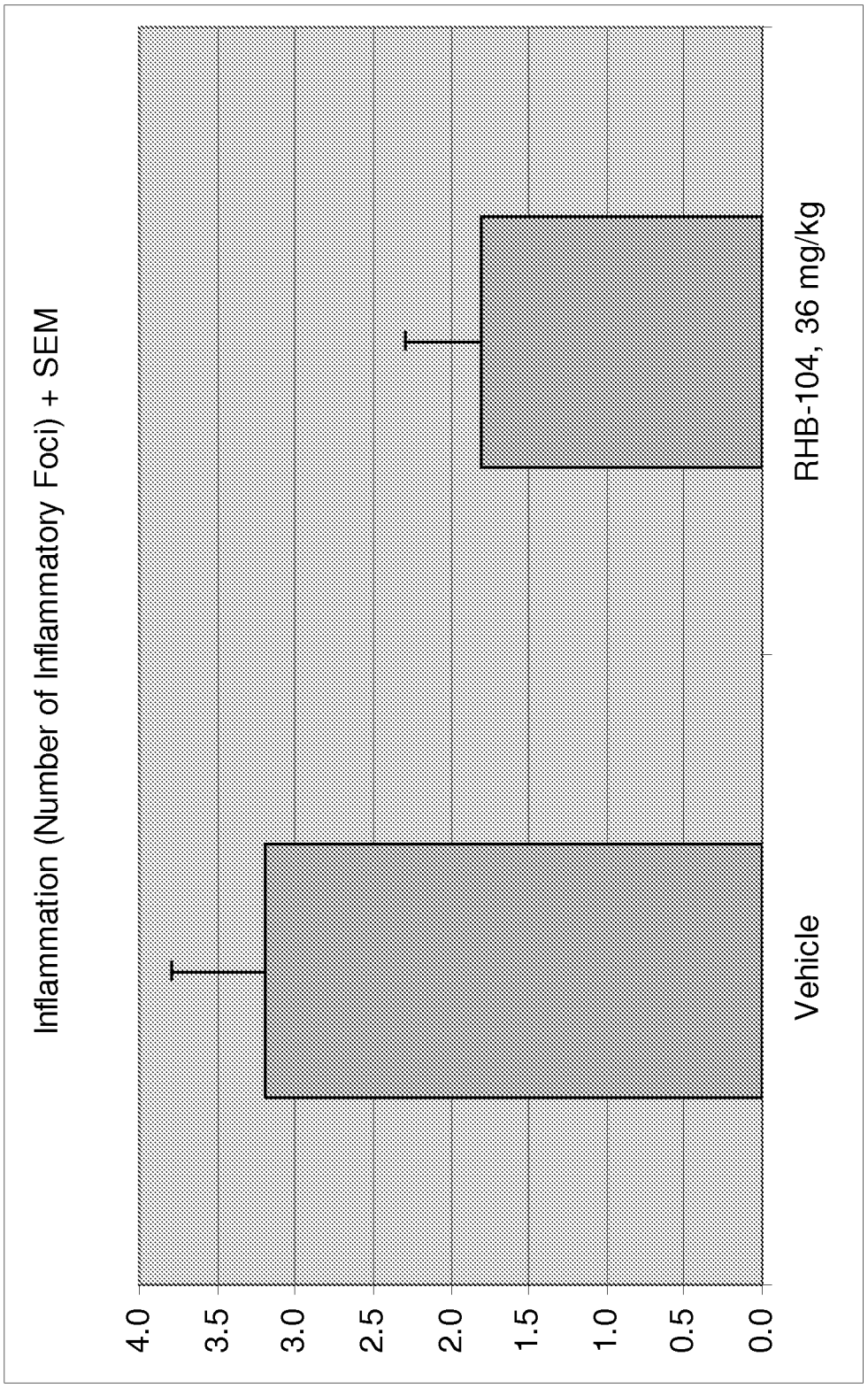

Body Weight +/- SEM (%)
115%
110%
105%
100%
95%
90%
85%
80%
75%
70%
-2
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
Day After Immunization
Vehicle
RHB-104, 36 mg/kg, p.o., BID

Figure 8


Inflammation (Number of Inflammatory Foci) + SEM
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Vehicle
RHB-104, 36 mg/kg

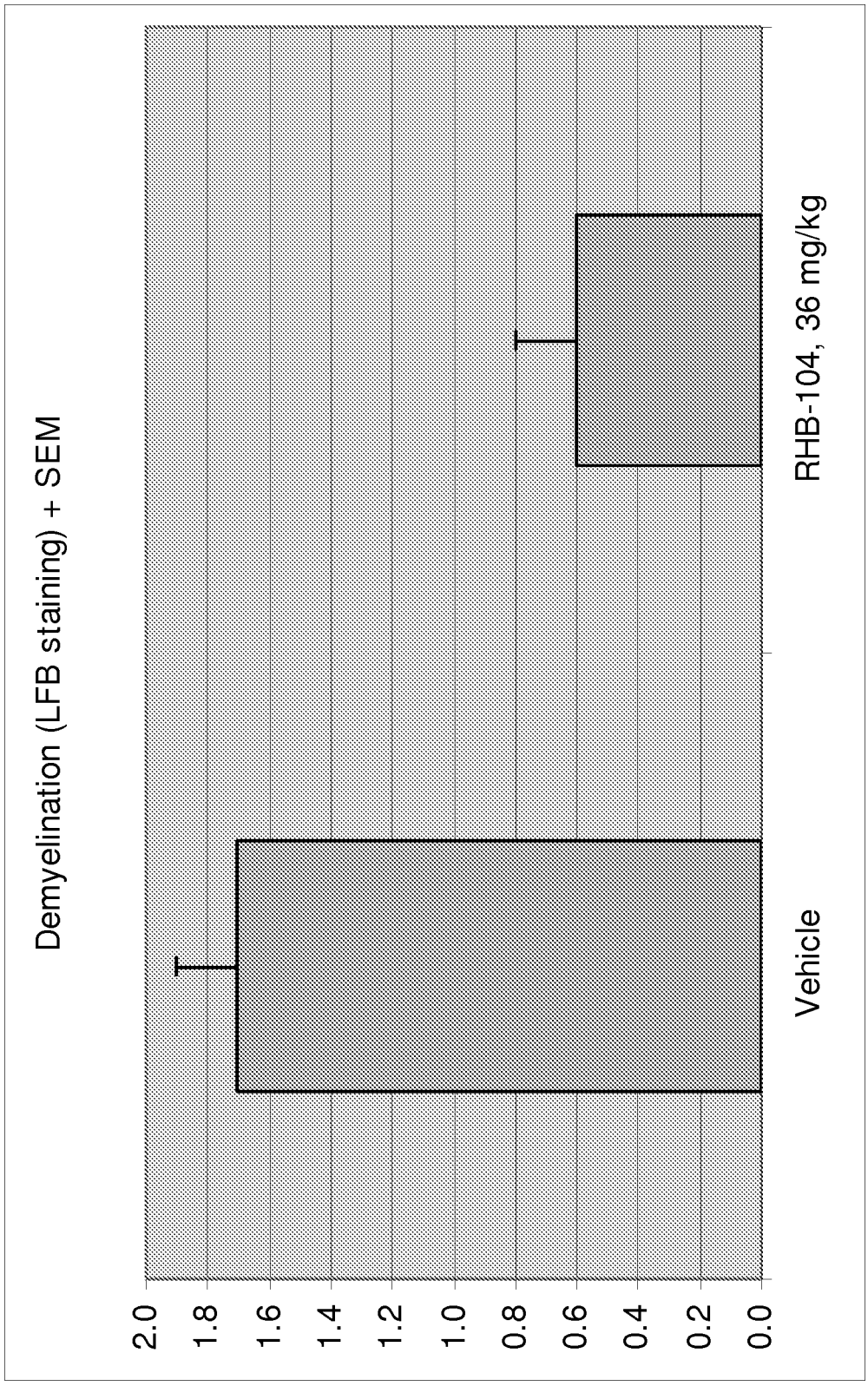

Demyelination (LFB staining) + SEM
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Vehicle
RHB-104, 36 mg/kg

Figure 9

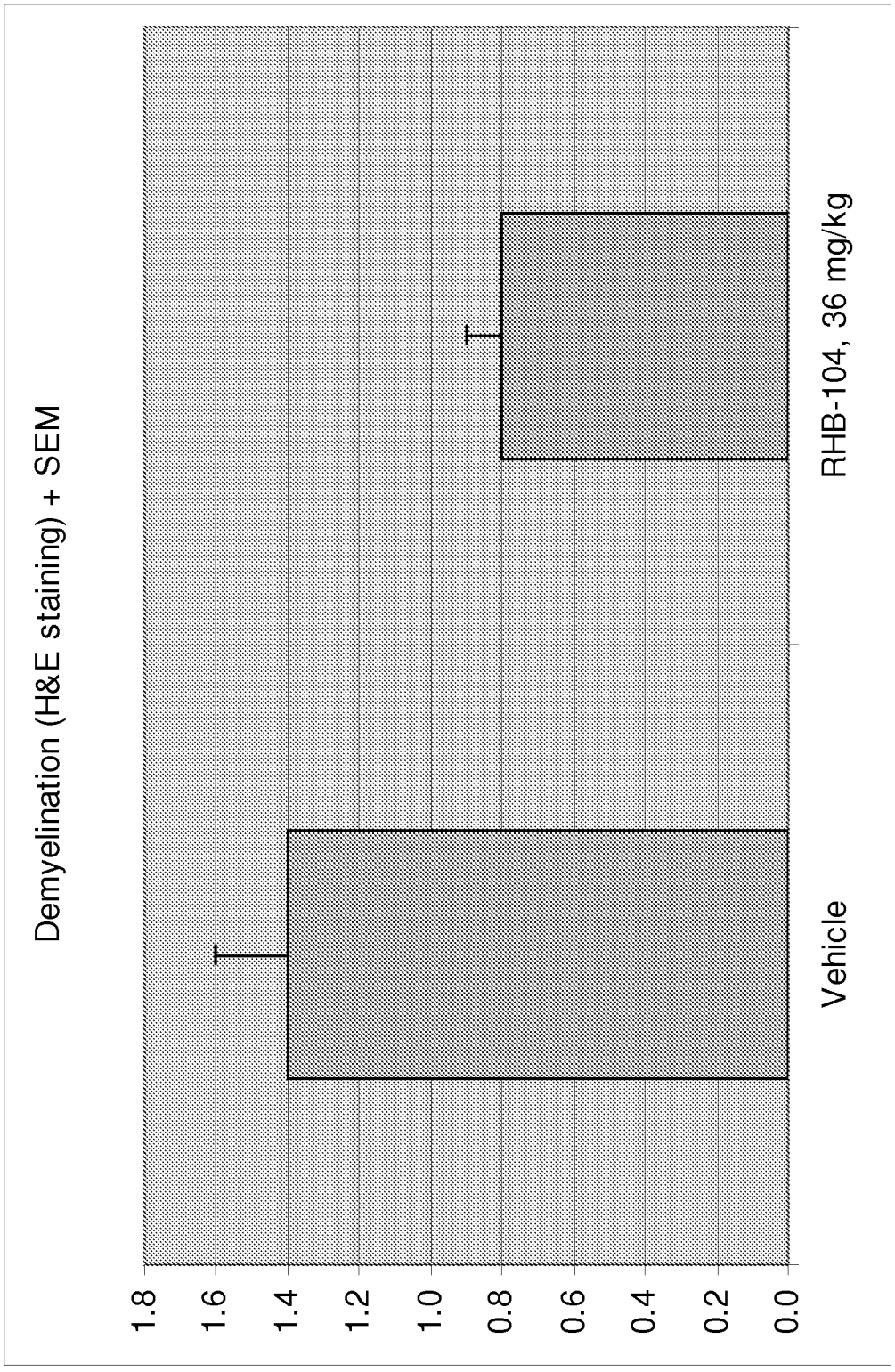

Demyelination (H&E staining) + SEM
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Vehicle
RHB-104, 36 mg/kg

Figure 10

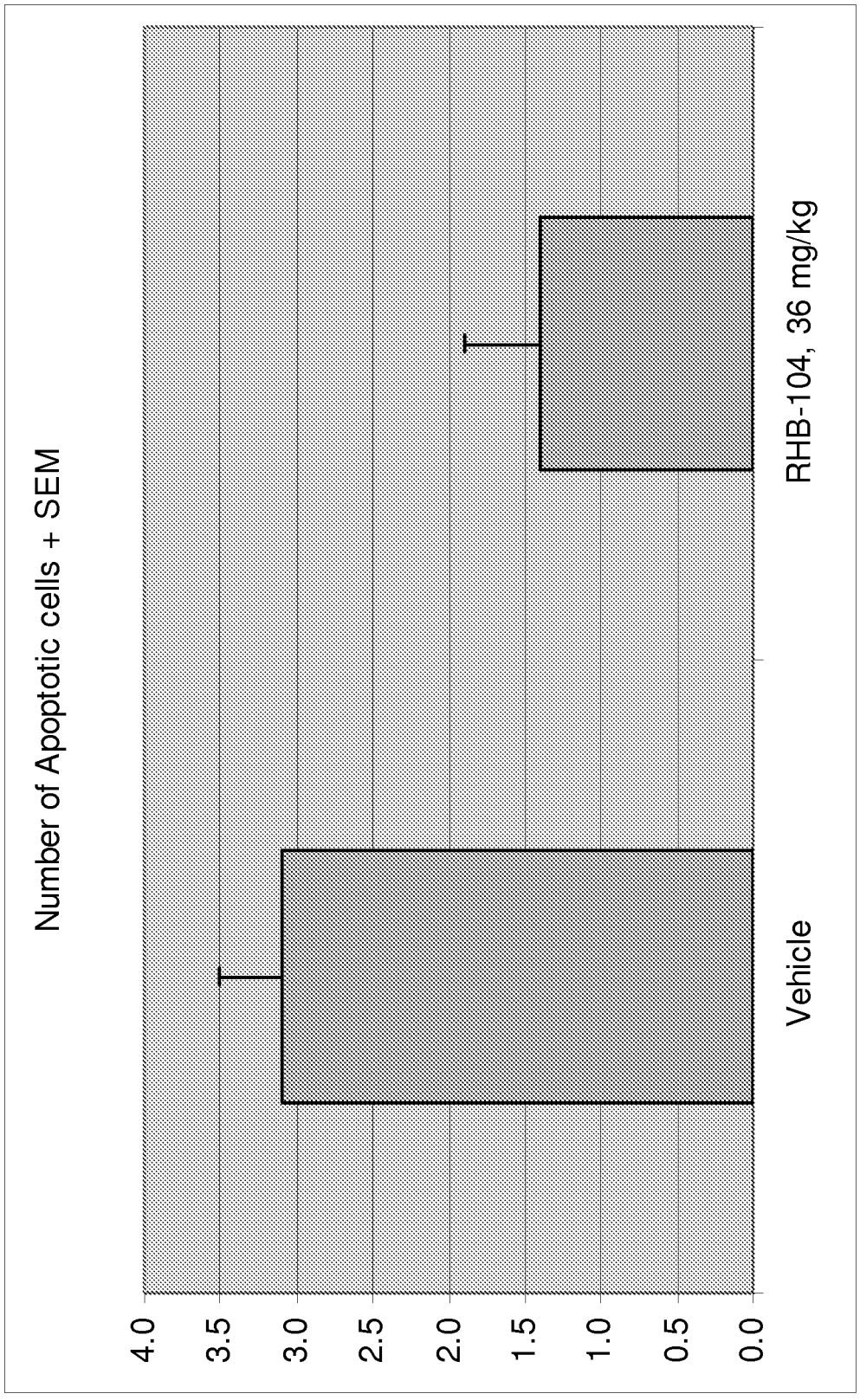
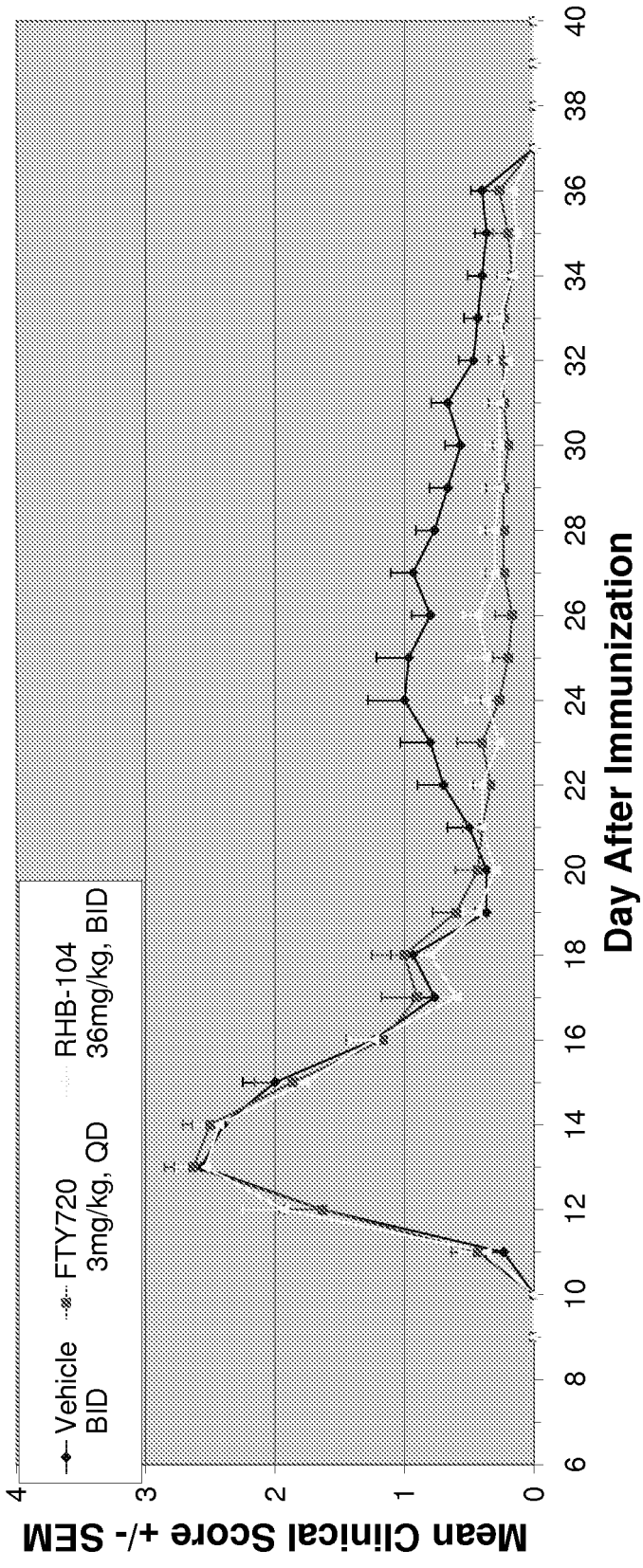

Number of Apoptotic cells + SEM
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Vehicle
RHB-104, 36 mg/kg

Figure 11

Figure 12


Vehicle BID
FTY720 3mg/kg, QD
RHB-104 36mg/kg, BID
Mean Clinical Score +/- SEM
Day After Immunization
0
1
2
3
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40