FIGURE 1

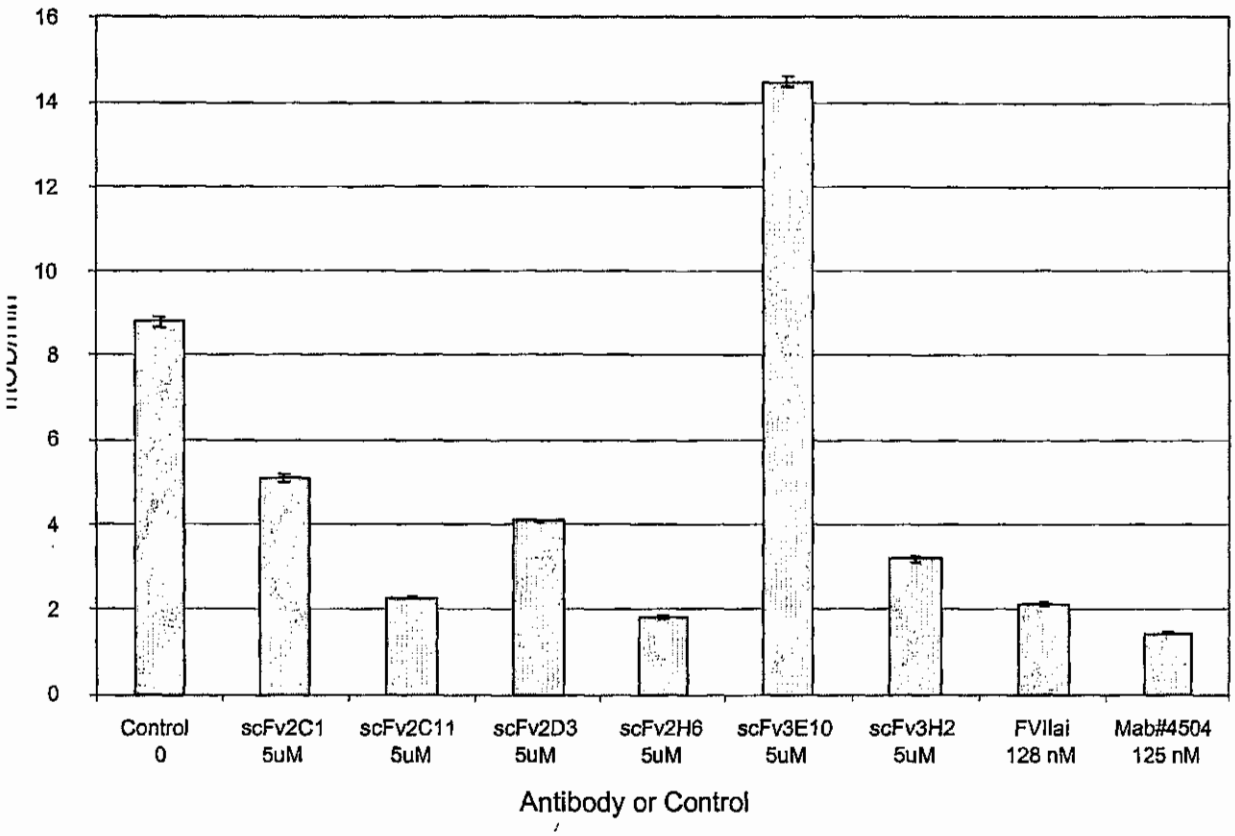

16
14
12
10
8
6
4
2
0
Control 0
scFv2C1 5uM
scFv2C11 5uM
scFv2D3 5uM
scFv2H6 5uM
scFv3E10 5uM
scFv3H2 5uM
FVIIai 128 nM
Mab#4504 125 nM
Antibody or Control

FIGURE 2

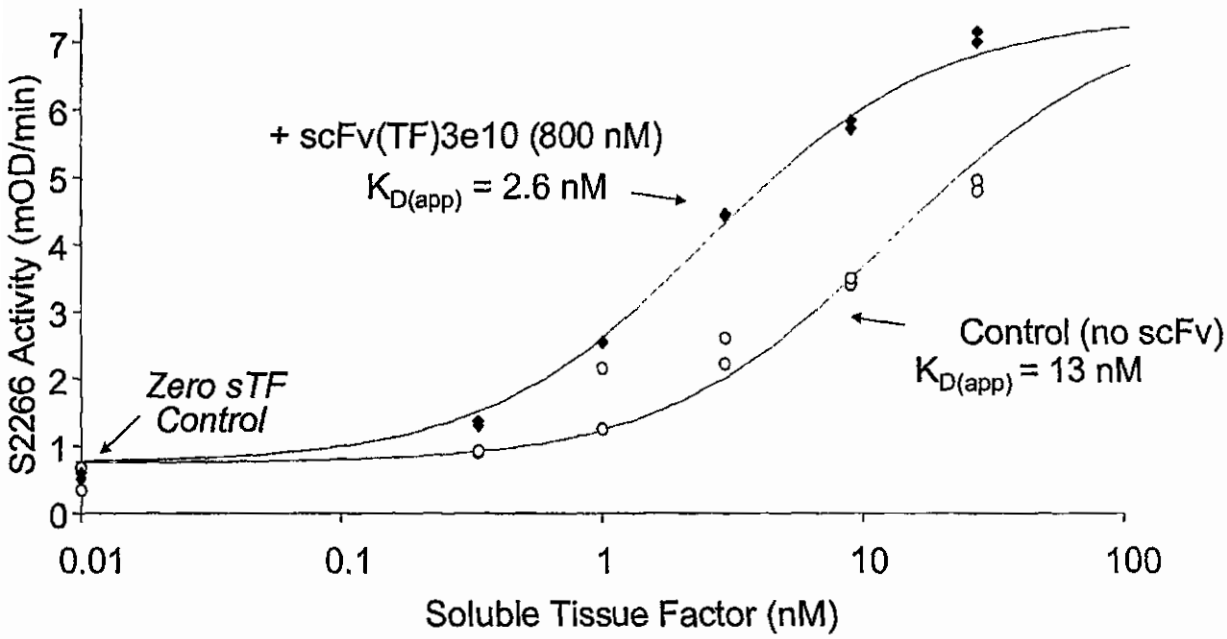

S2266 Activity (mOD/min)
0
1
2
3
4
5
6
7
0.01
0.1
1
10
100
Soluble Tissue Factor (nM)
+ scFv(TF)3e10 (800 nM)
$K_{D(app)}$ = 2.6 nM
Control (no scFv)
$K_{D(app)}$ = 13 nM
Zero sTF Control

FIGURE 3

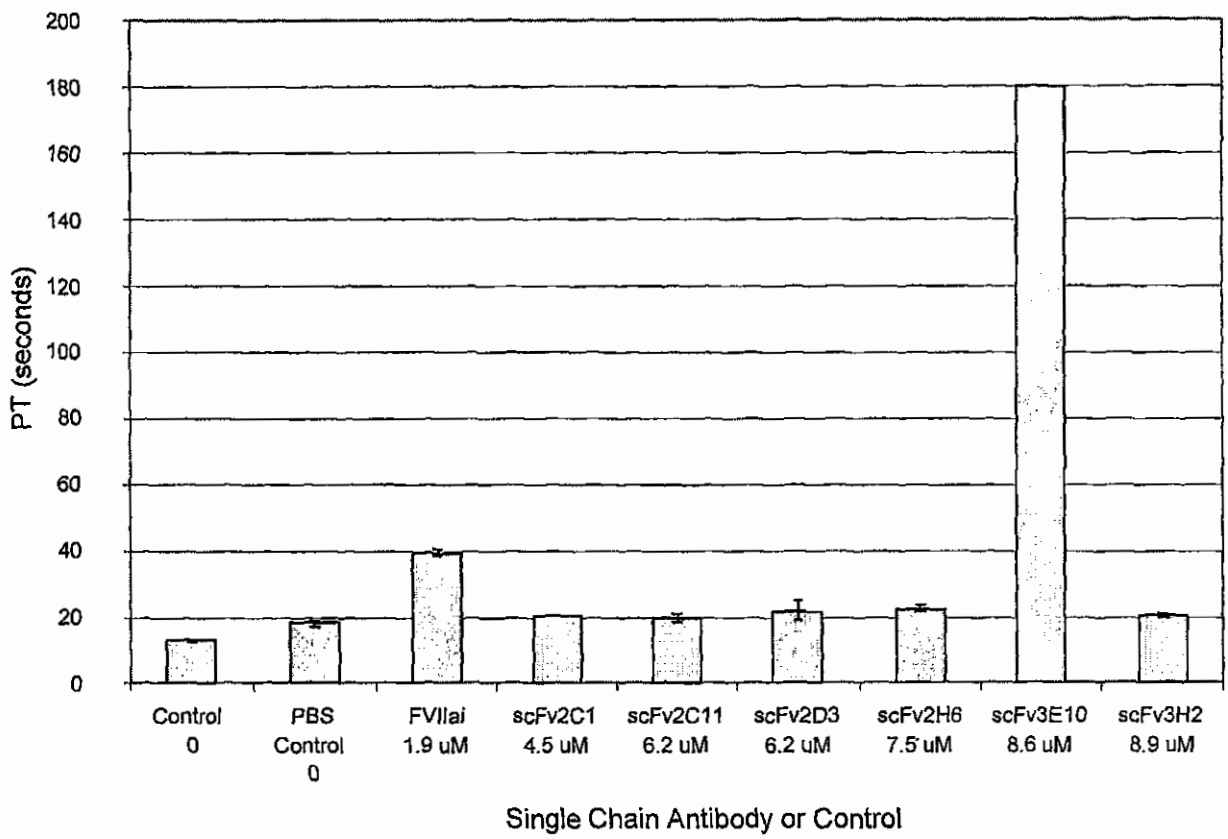

200
180
160
140
120
100
80
60
40
20
0
PT (seconds)
Control 0
PBS Control 0
FVIIai 1.9 uM
scFv2C1 4.5 uM
scFv2C11 6.2 uM
scFv2D3 6.2 uM
scFv2H6 7.5 uM
scFv3E10 8.6 uM
scFv3H2 8.9 uM
Single Chain Antibody or Control

FIGURE 4

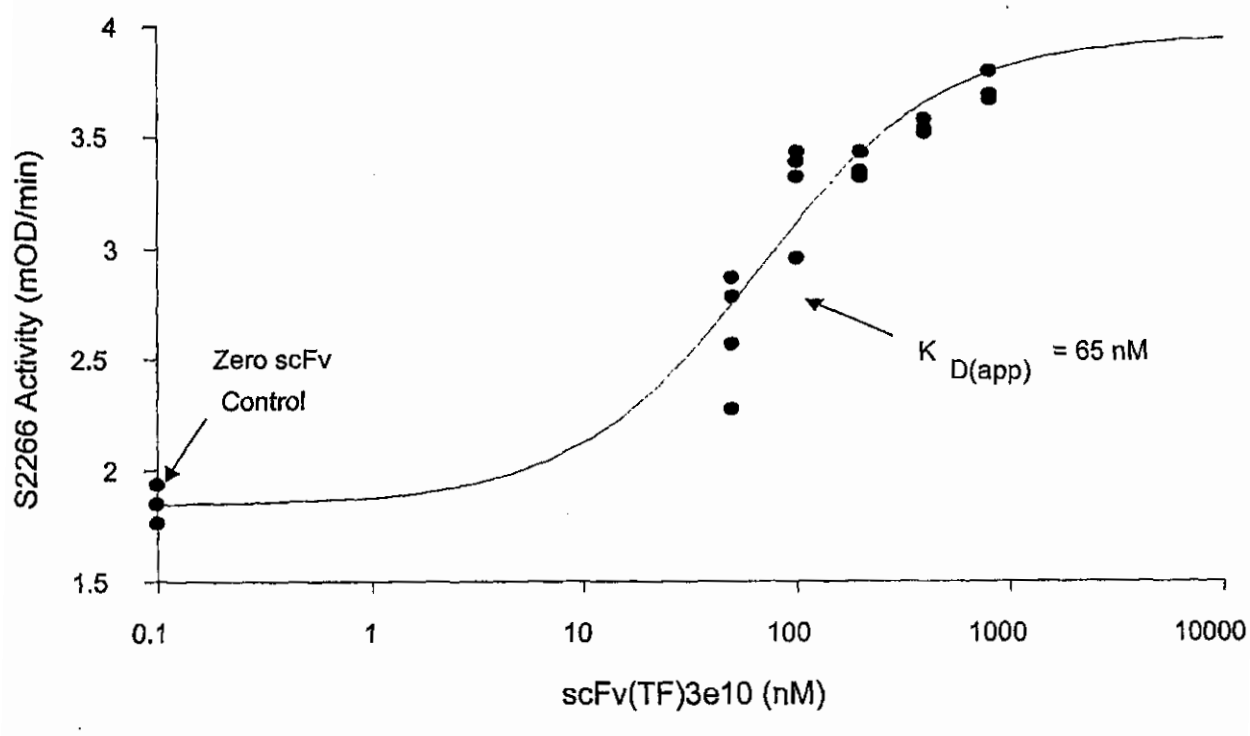

4
3.5
3
2.5
2
1.5
S2266 Activity (mOD/min)
Zero scFv
Control
K D(app) = 65 nM
0.1
1
10
100
1000
10000
scFv(TF)3e10 (nM)

FIGURE 5

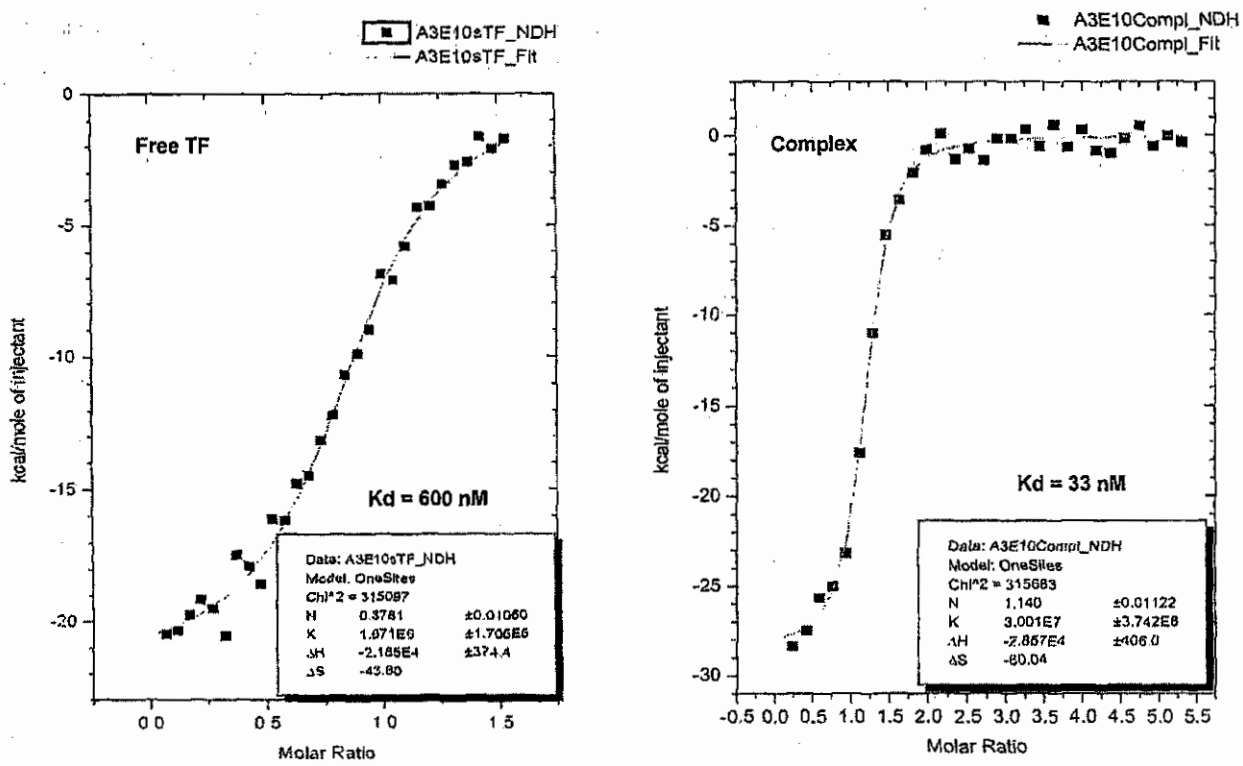

A3E10sTF_NDH
A3E10sTF_Fit
Free TF
Kd = 600 nM
Data: A3E10sTF_NDH
Model: OneSites
Chi^2 = 315087
N 0.3781 ±0.01060
K 1.671E6 ±1.706E5
ΔH -2.185E4 ±374.4
ΔS -43.80
kcal/mole of injectant
Molar Ratio
A3E10Compl_NDH
A3E10Compl_Fit
Complex
Kd = 33 nM
Data: A3E10Compl_NDH
Model: OneSites
Chi^2 = 315683
N 1.140 ±0.01122
K 3.001E7 ±3.742E6
ΔH -2.857E4 ±406.0
ΔS -80.04
kcal/mole of injectant
Molar Ratio

FIGURE 6

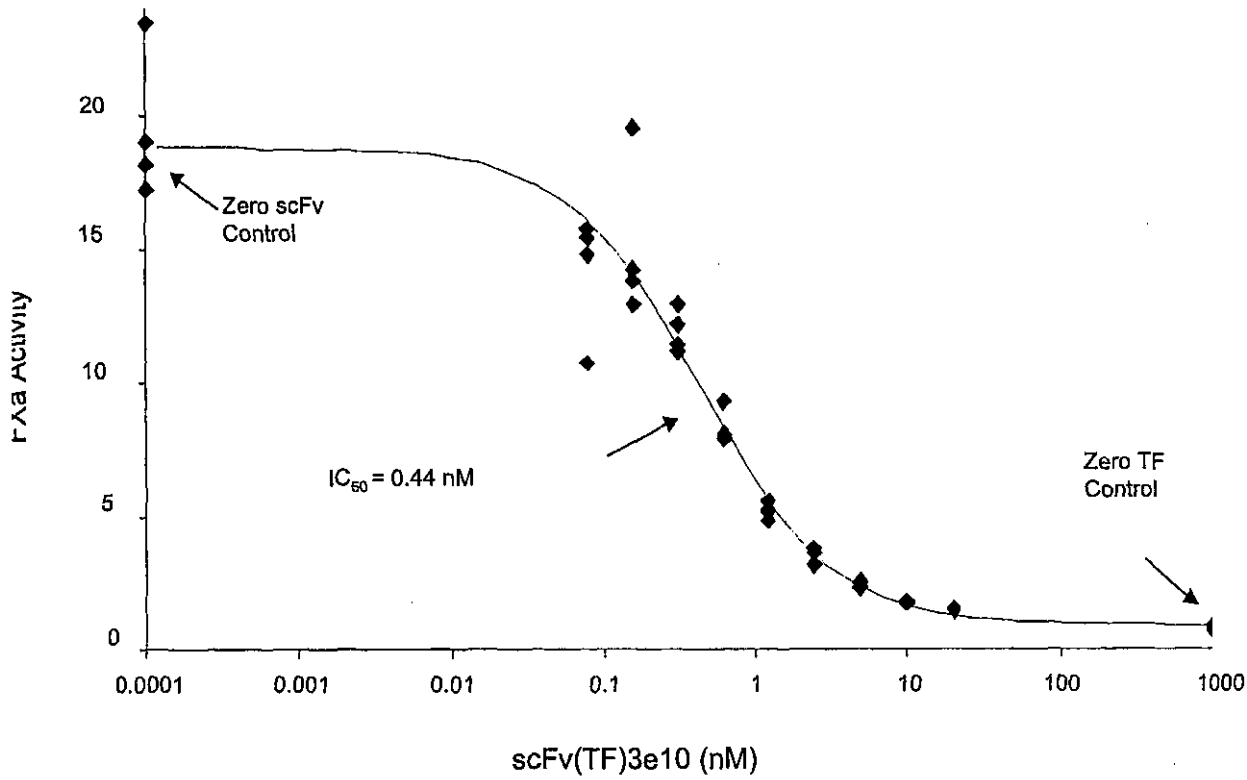

FXa Activity
20
15
10
5
0
Zero scFv
Control
IC50 = 0.44 nM
Zero TF
Control
0.0001
0.001
0.01
0.1
1
10
100
1000
scFv(TF)3e10 (nM)

FIGURE 7

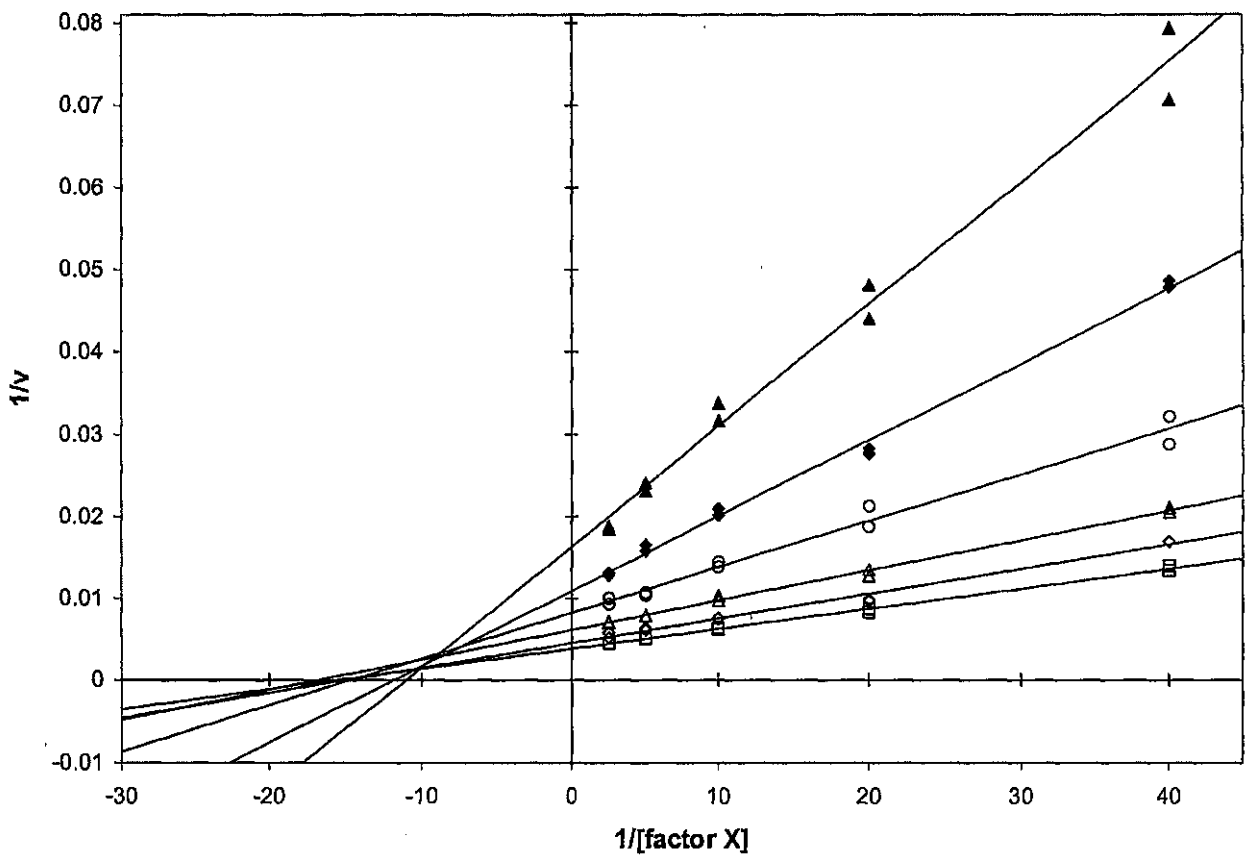
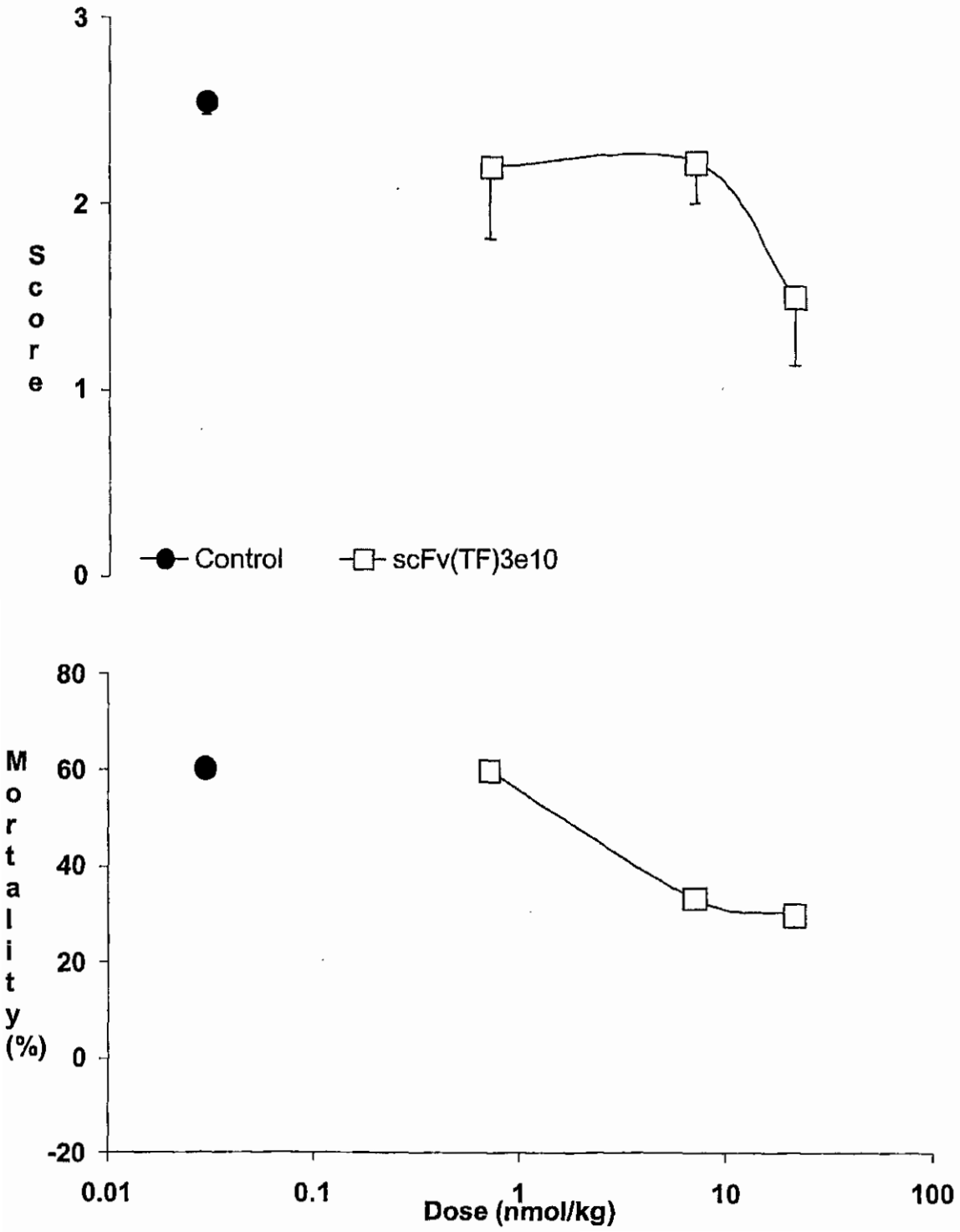

0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
-0.01
1/v
-30
-20
-10
0
10
20
30
40
1/[factor X]

FIGURE 8


3
2
1
0
Score
Control
scFv(TF)3e10
80
60
40
20
0
-20
Mortality (%)
0.01
0.1
1
10
100
Dose (nmol/kg)