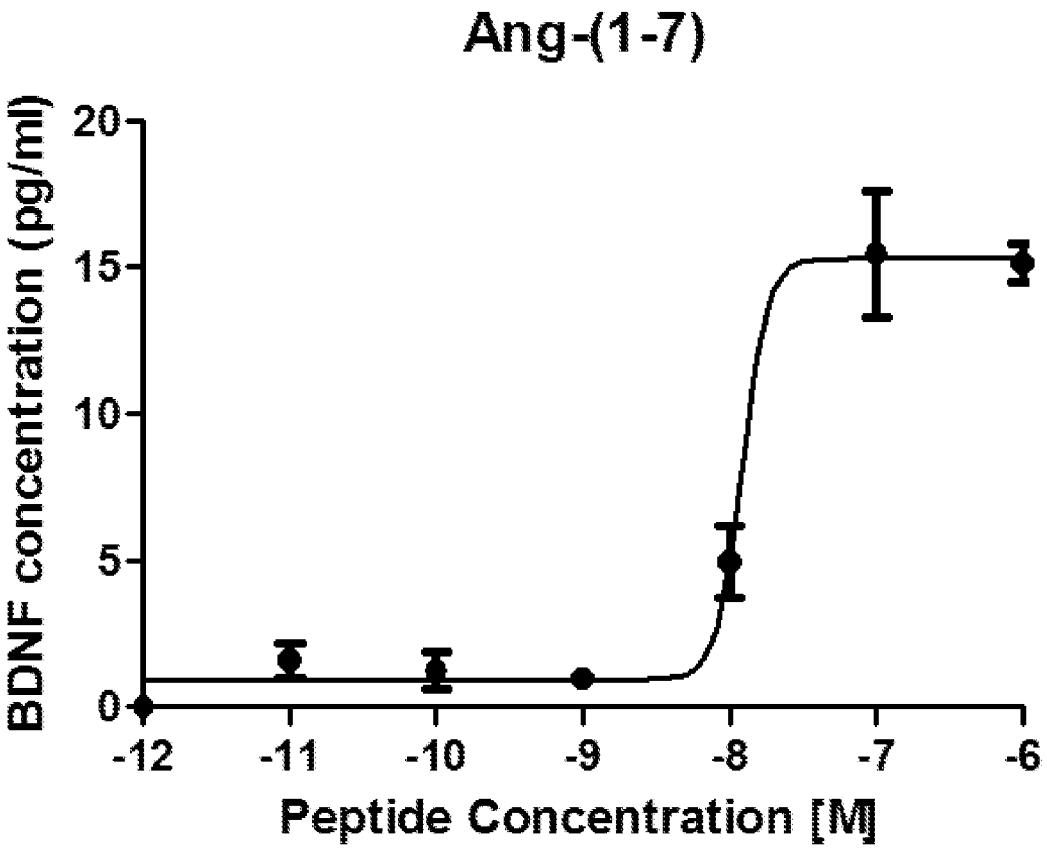


FIG. 1

HUVEC Cells

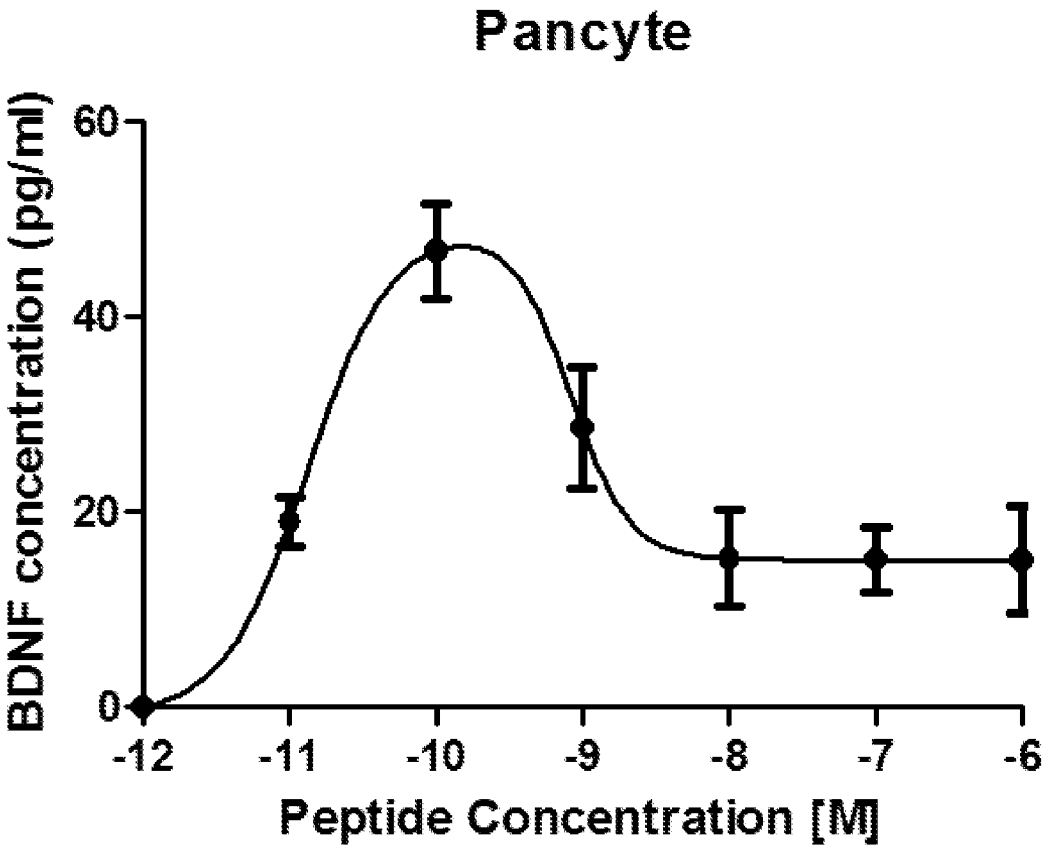


FIG. 2

HUVEC Cells

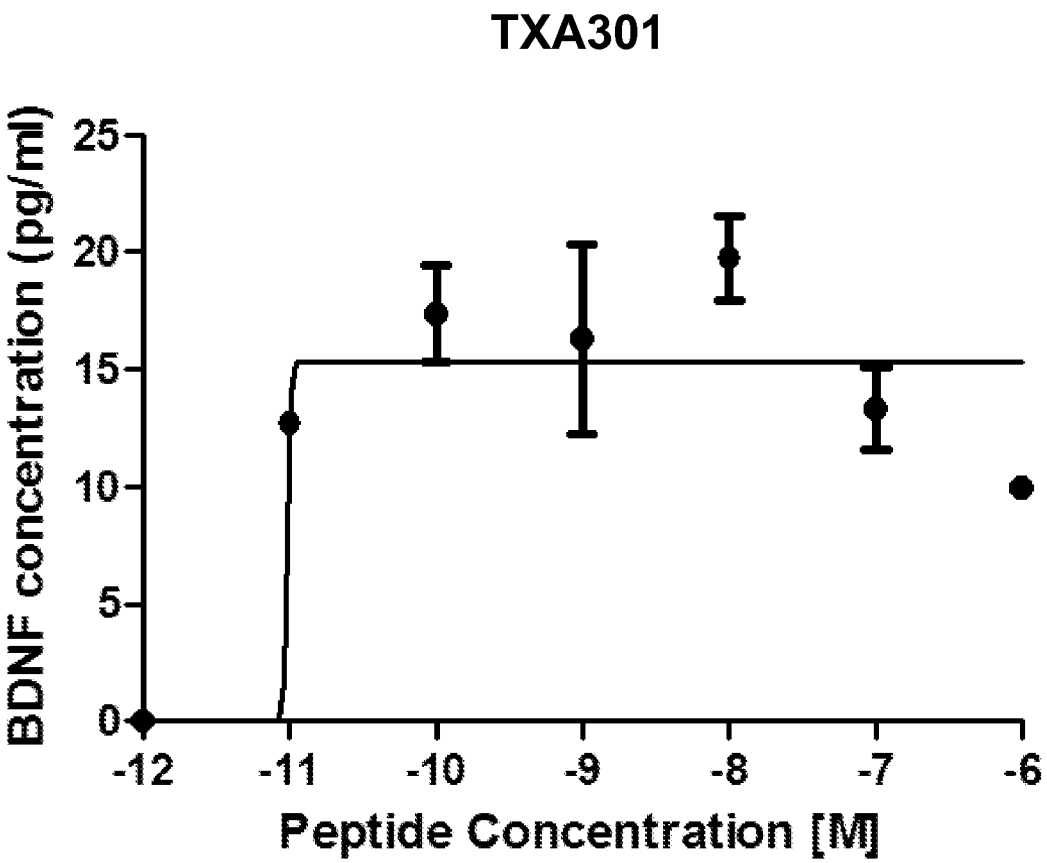


FIG. 3

HUVEC Cells

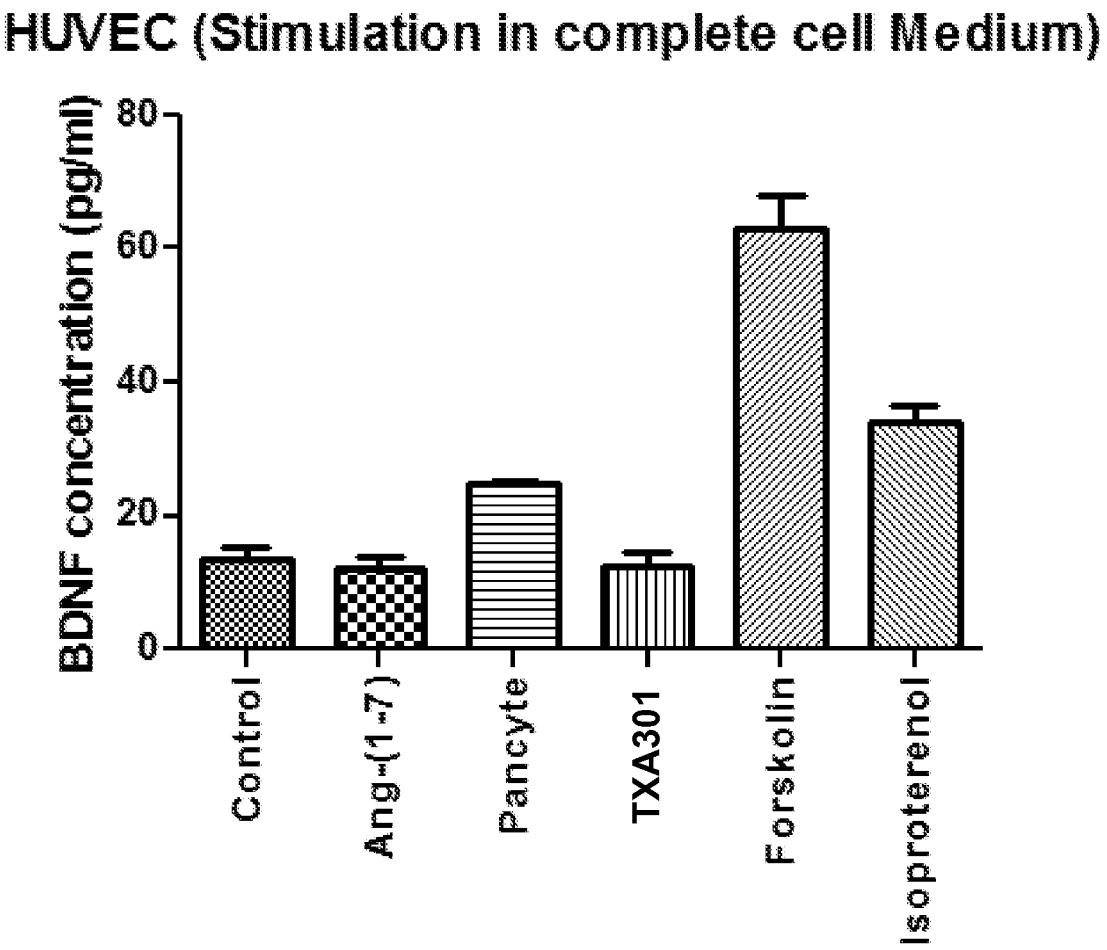

HUVEC (Stimulation in complete cell Medium)
BDNF concentration (pg/ml)
80
60
40
20
0
Control
Ang-(1-7)
Pancyte
TXA301
Forskolin
Isoproterenol

FIG. 4

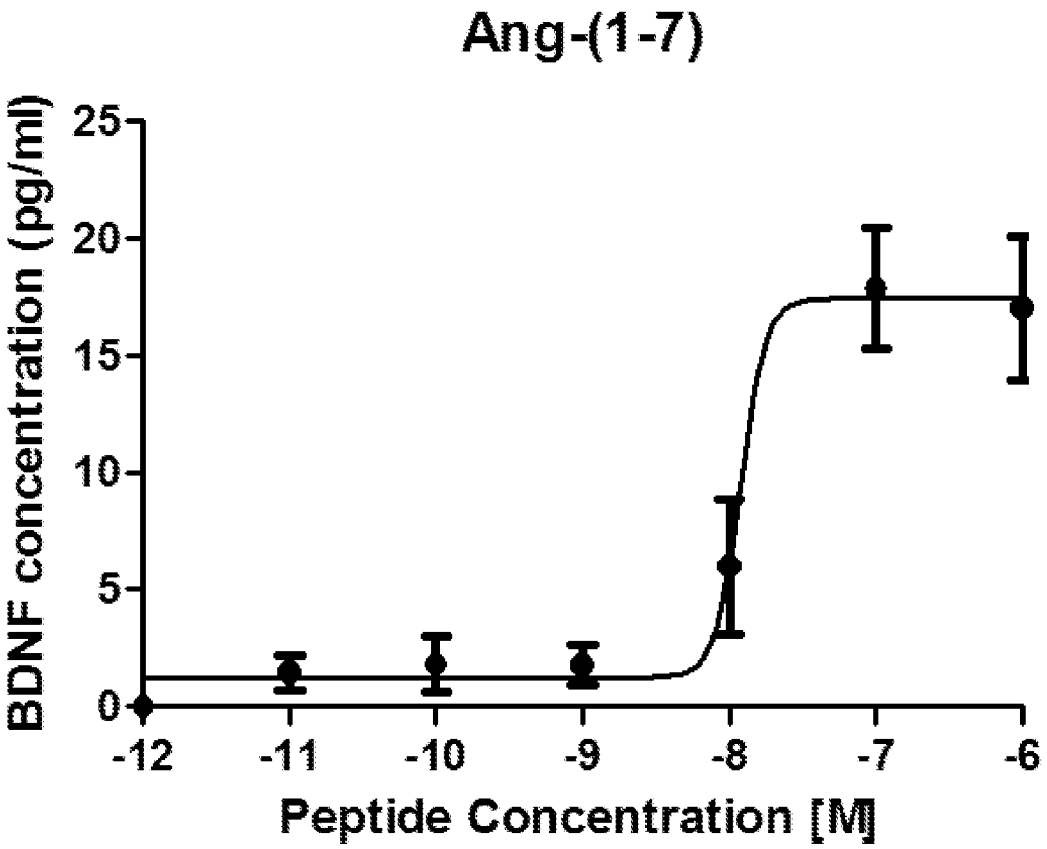


FIG. 5

HDMEC Cells

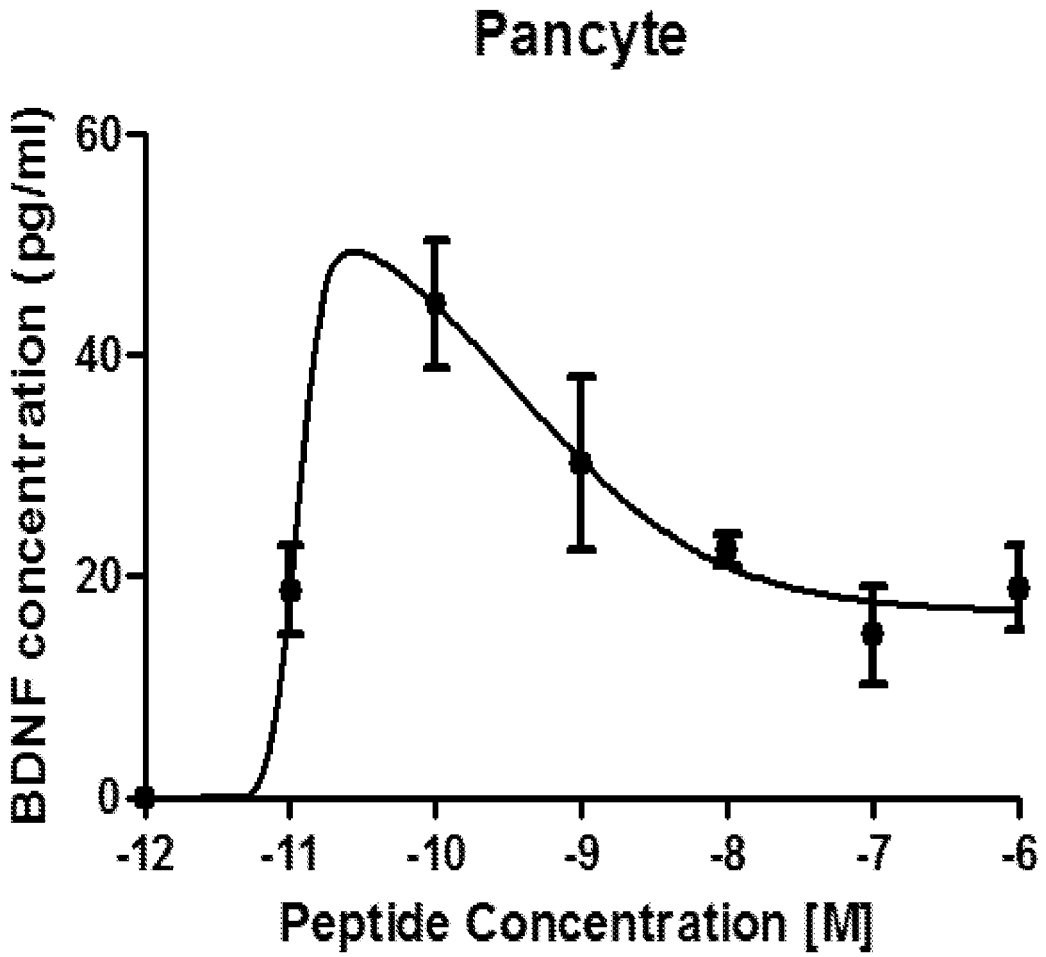


FIG. 6

HDMEC Cells

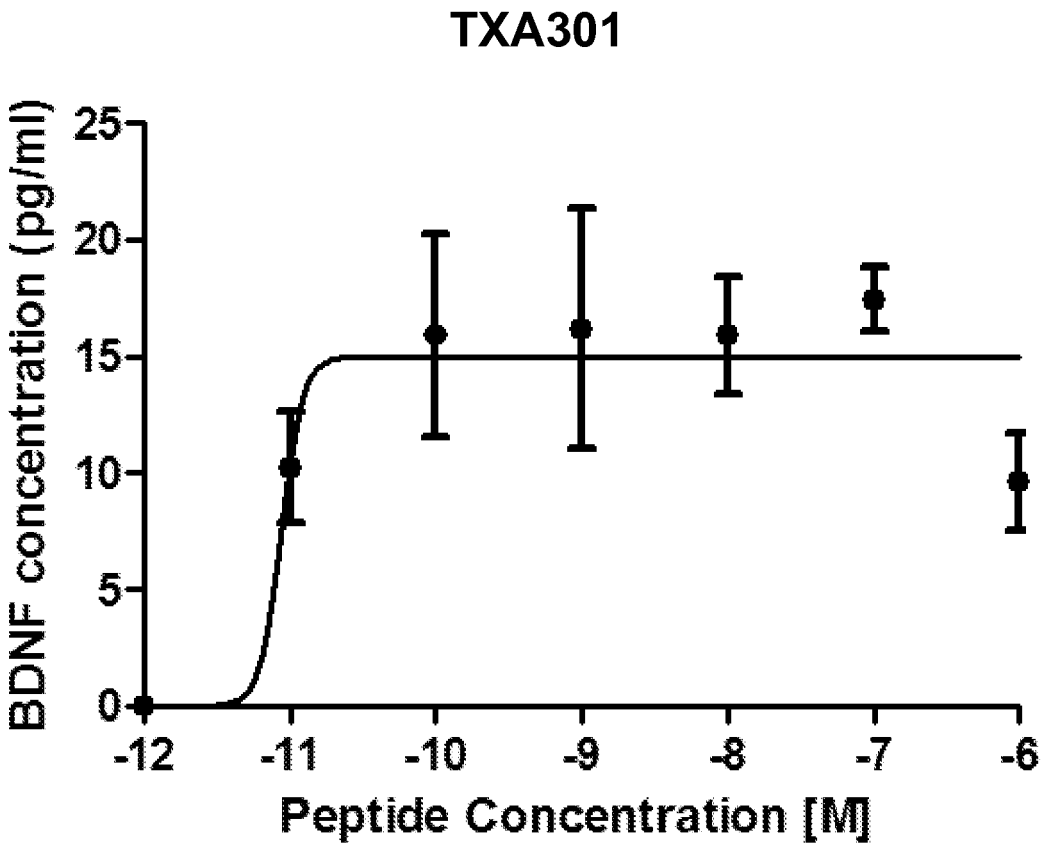


FIG. 7

HDMEC Cells

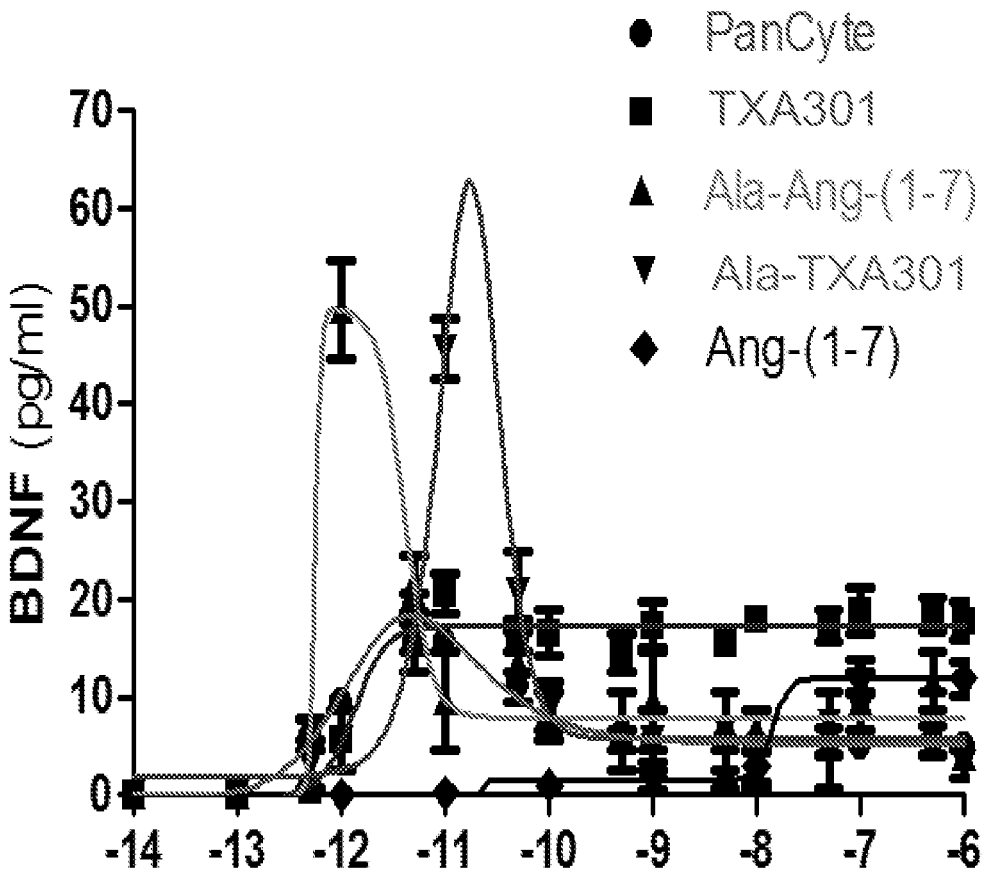


FIG. 8

HUVEC Cells

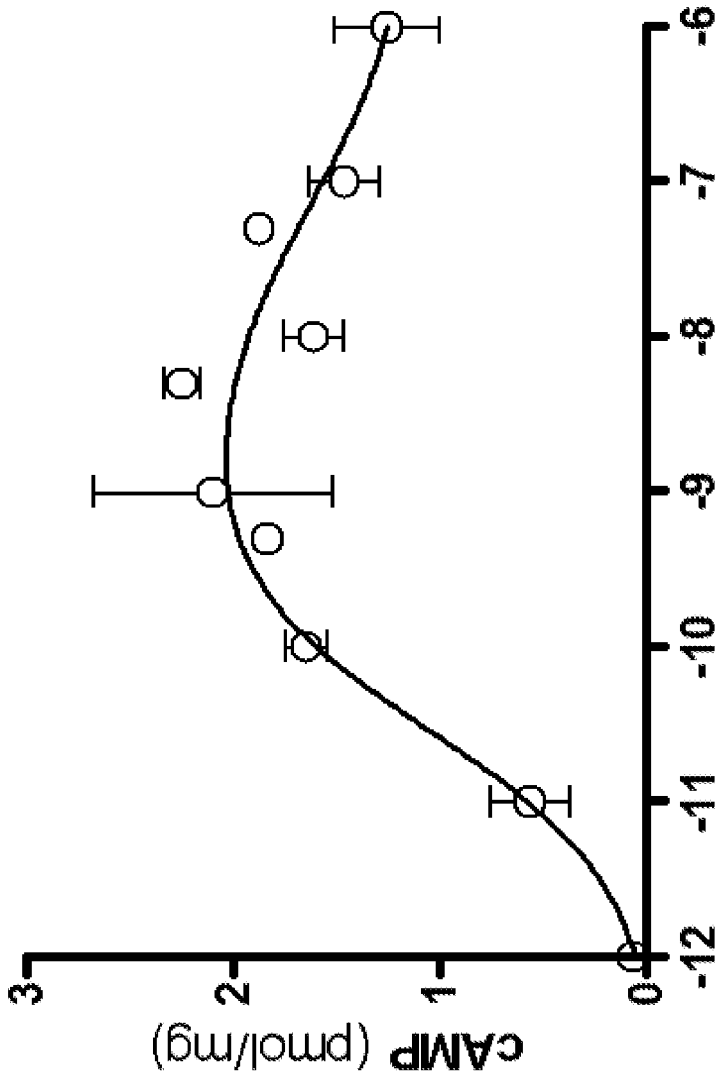


FIG. 9

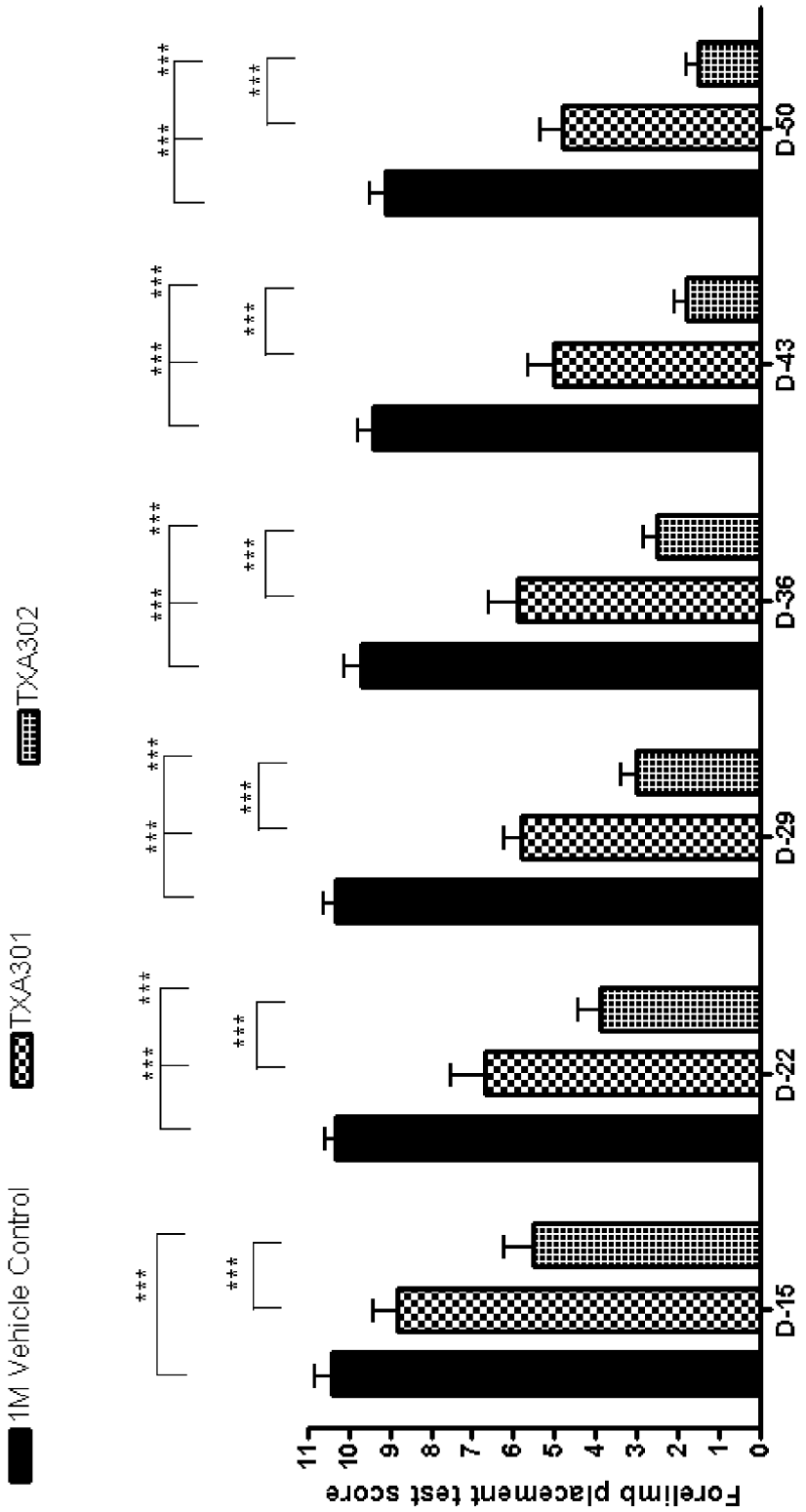

1M Vehicle Control
TXA301
TXA302
Forelimb placement test score
0
1
2
3
4
5
6
7
8
9
10
11
D-15
D-22
D-29
D-36
D-43
D-50
***

FIG. 10

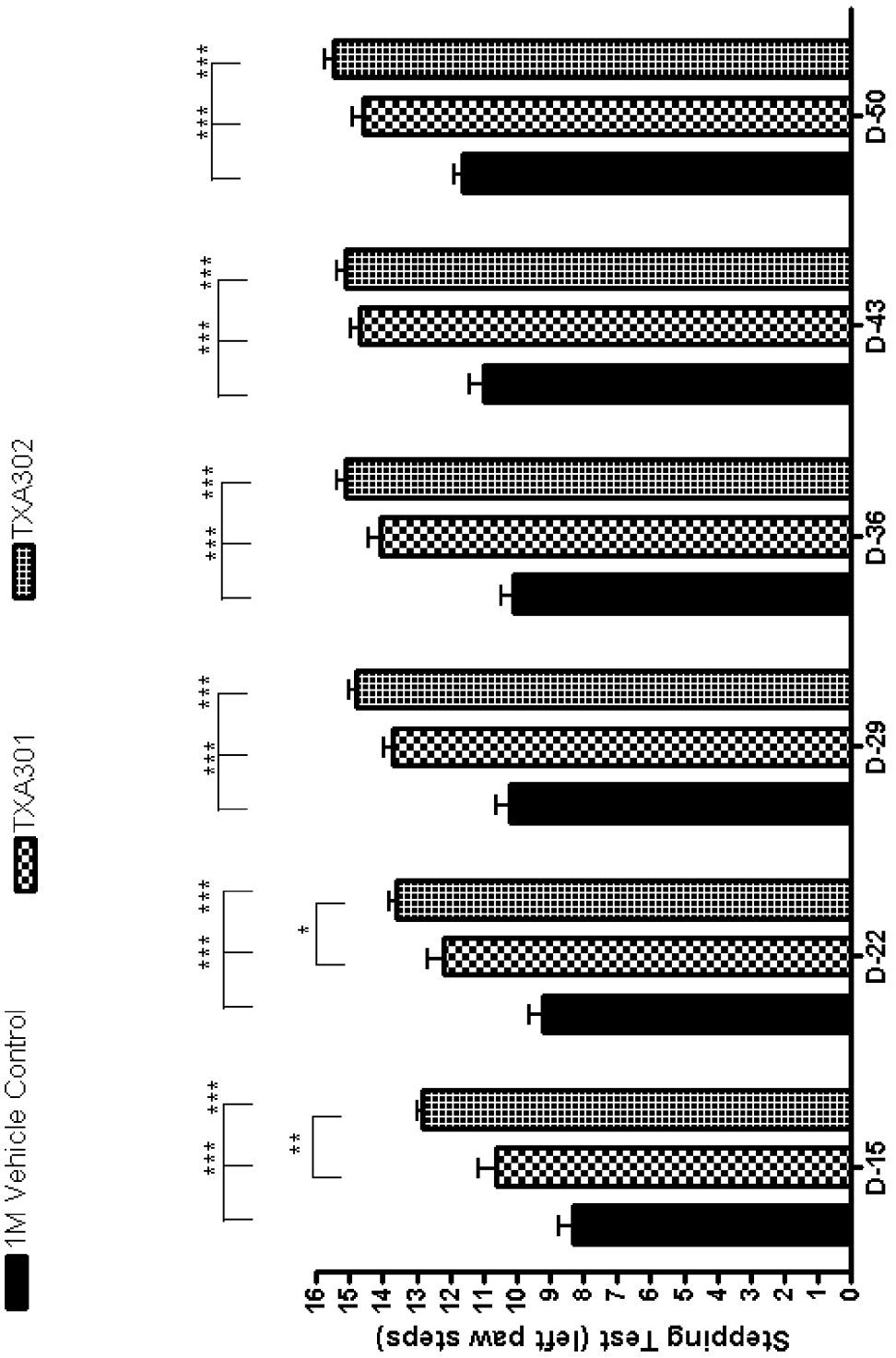

1M Vehicle Control
TXA301
TXA302
Stepping Test (left paw steps)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
D-15
D-22
D-29
D-36
D-43
D-50
*
**
***

FIG. 11

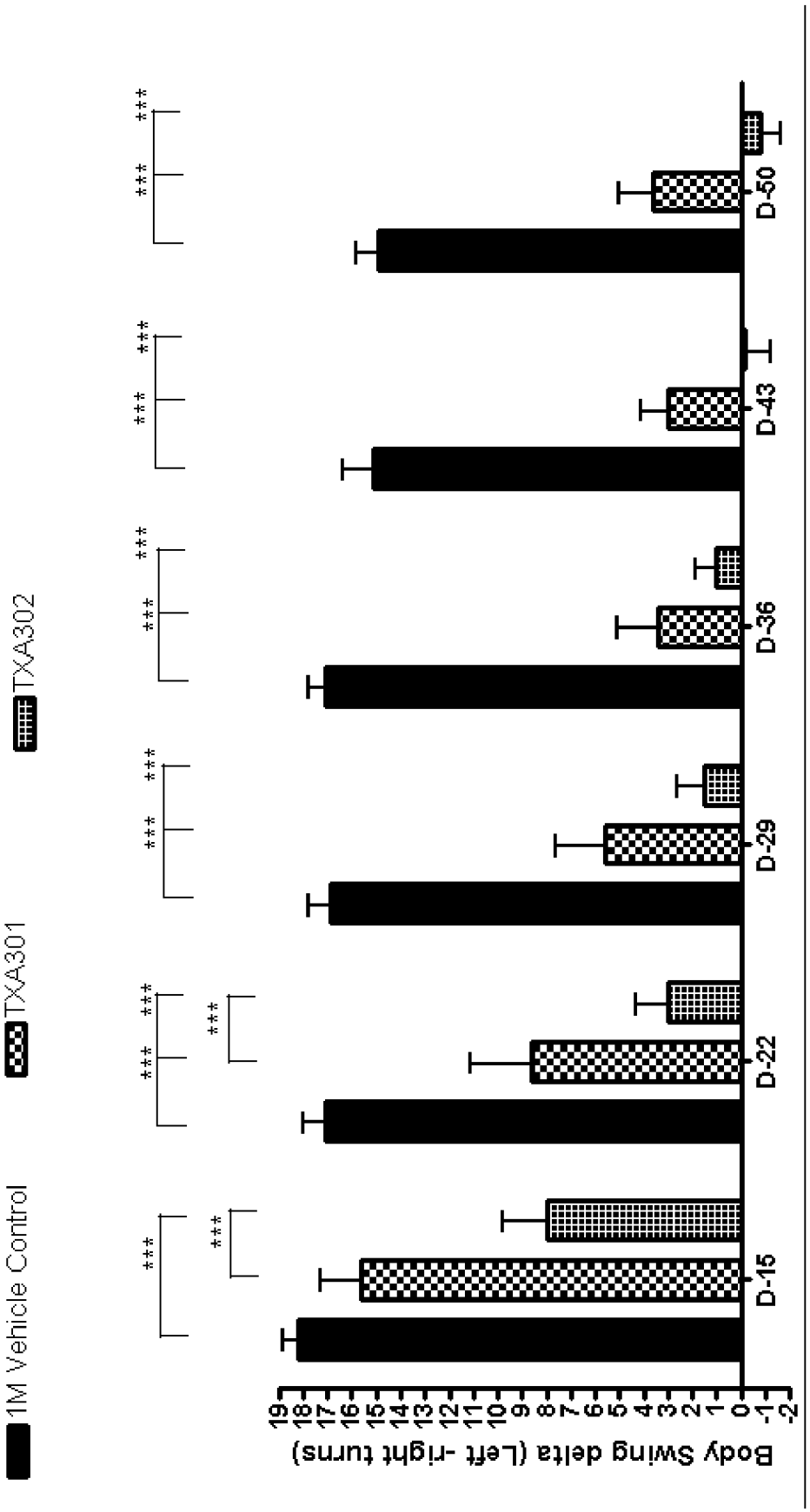

1M Vehicle Control
TXA301
TXA302
Body Swing delta (Left -right turns)
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
-1
-2
D-15
D-22
D-29
D-36
D-43
D-50
***

FIG. 12

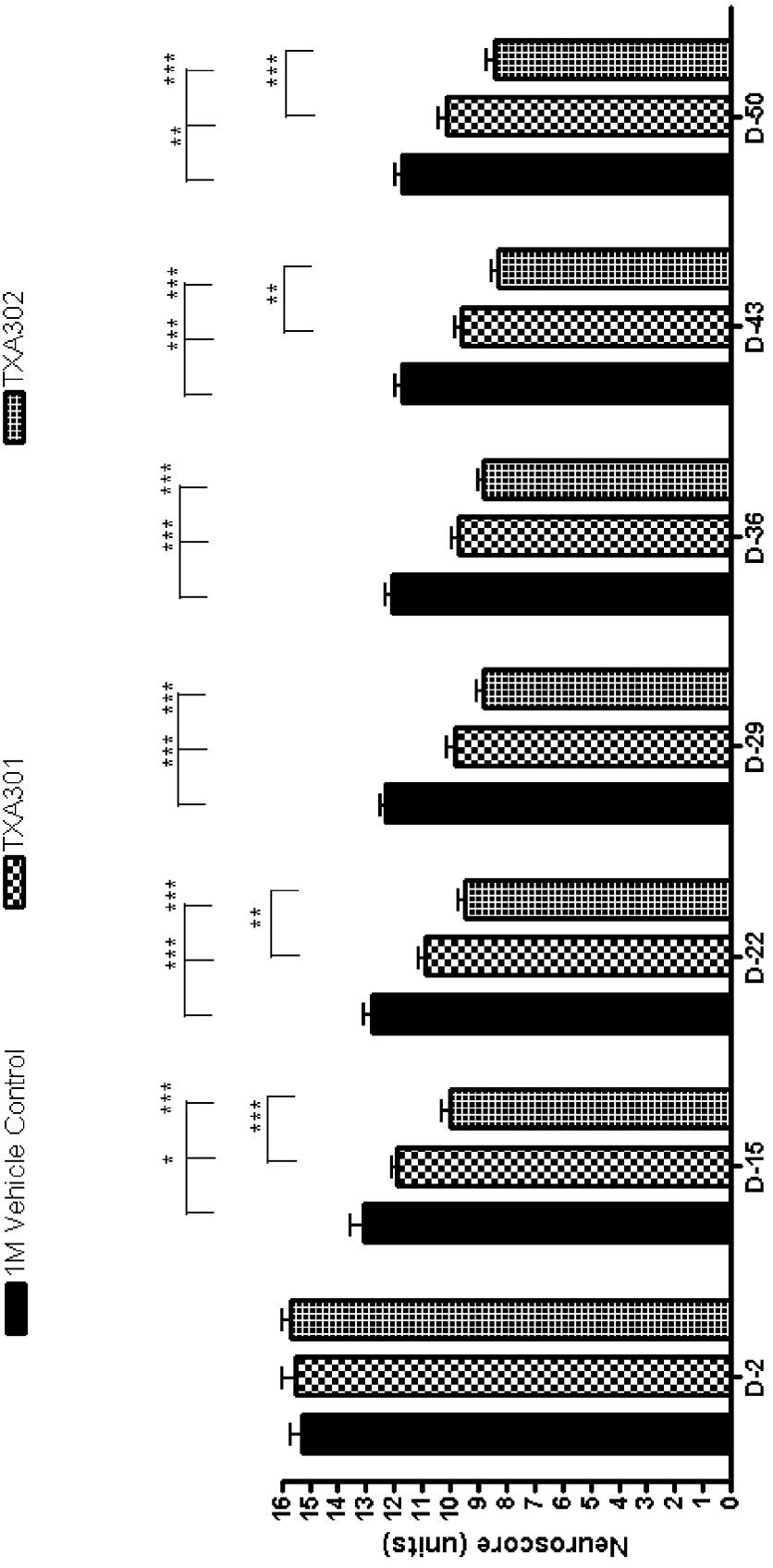

1M Vehicle Control
TXA301
TXA302
Neuroscore (units)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
D-2
D-15
D-22
D-29
D-36
D-43
D-50
*
**
***

FIG. 13

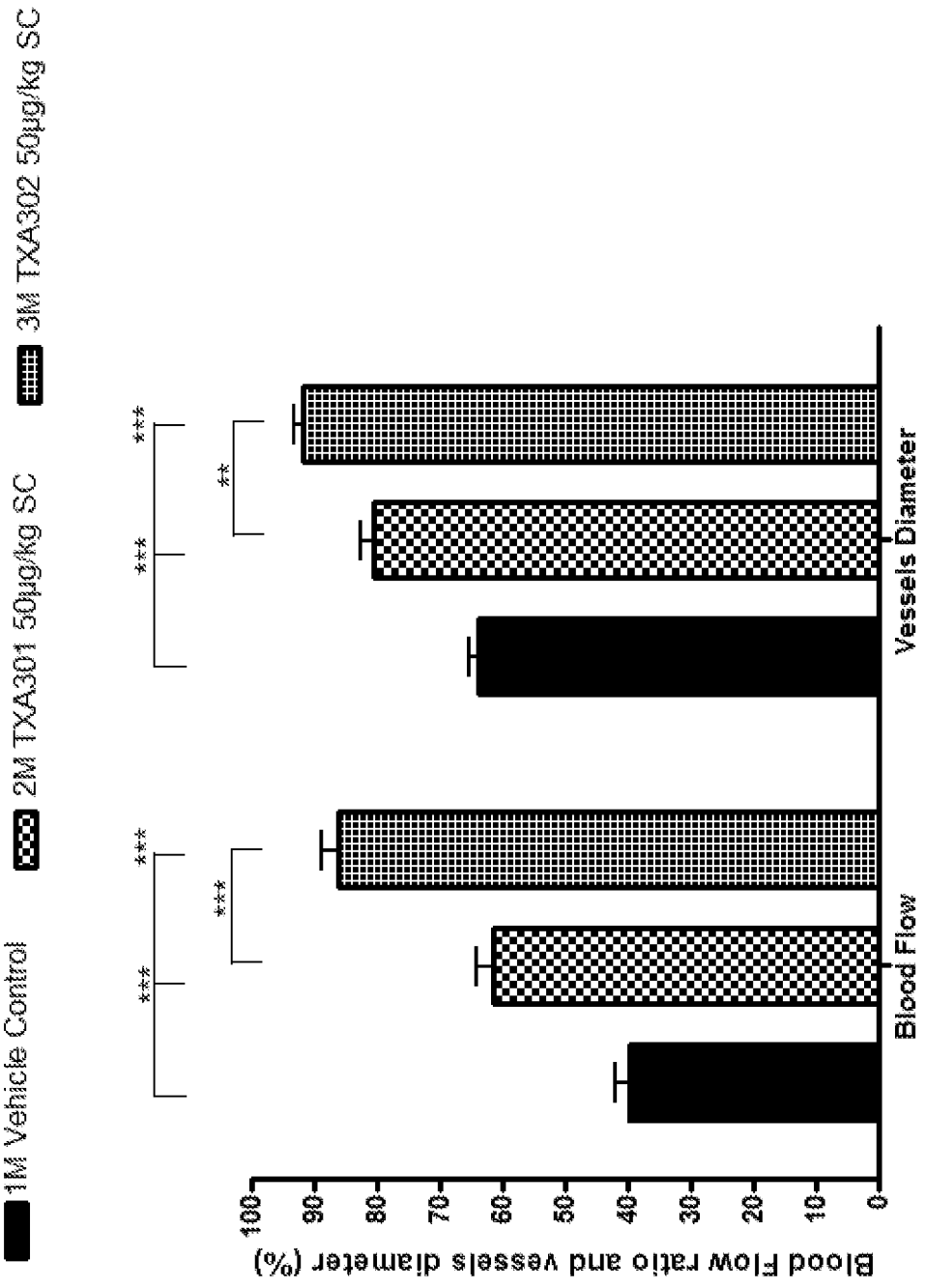

1M Vehicle Control
2M TXA301 50µg/kg SC
3M TXA302 50µg/kg SC
Blood Flow ratio and vessels diameter (%)
100
90
80
70
60
50
40
30
20
10
0
Blood Flow
Vessels Diameter
***
***
***
***
**
***

FIG. 14