Fig. 1

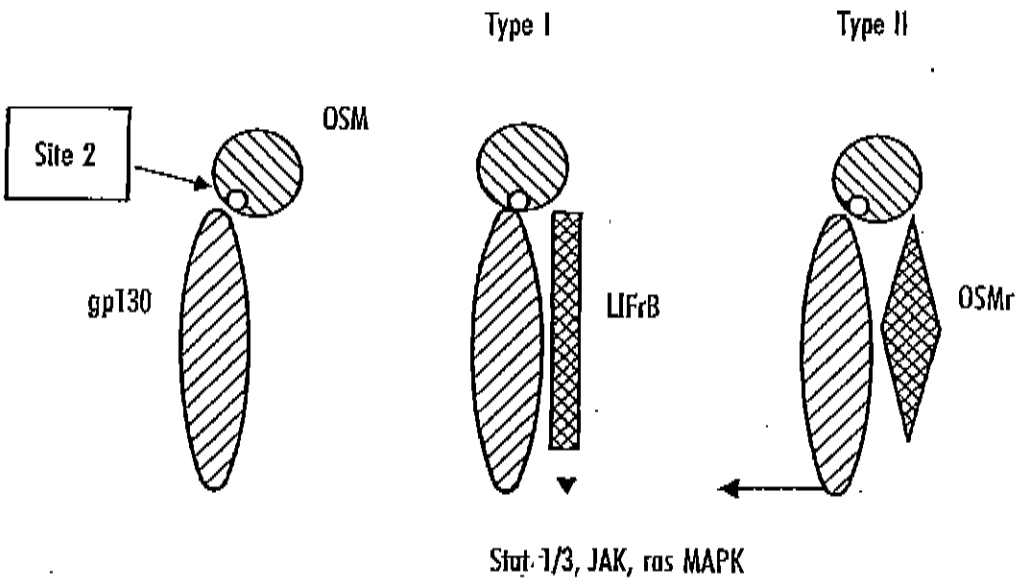
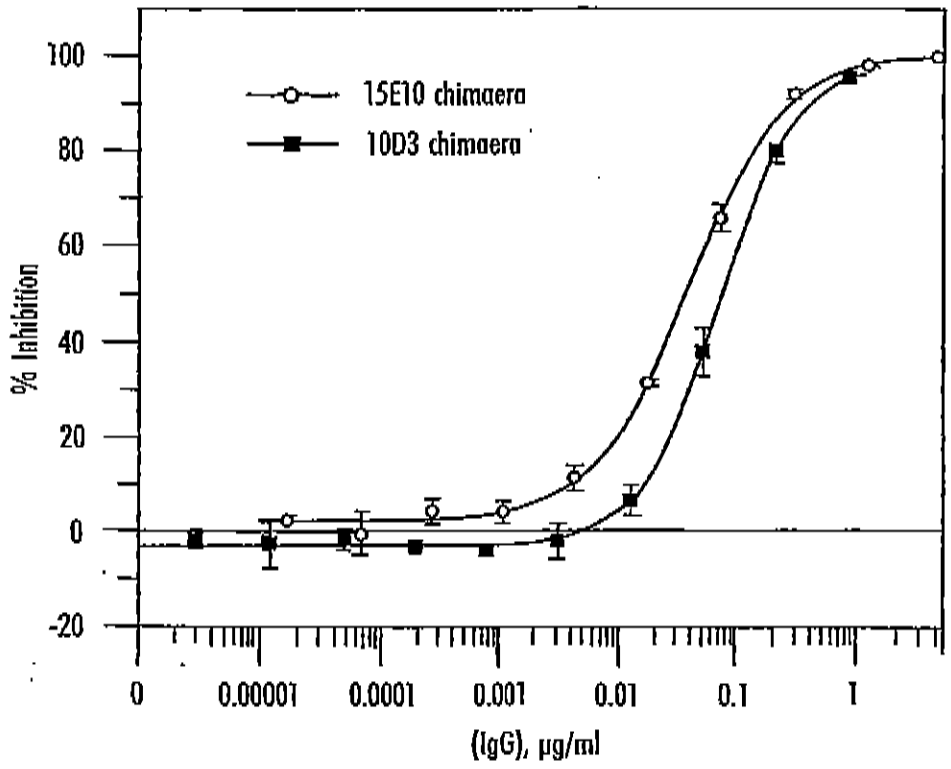


Fig. 2


15E10 chimaera
10D3 chimaera
% Inhibition
100
80
60
40
20
0
-20
0
0.00001
0.0001
0.001
0.01
0.1
1
(IgG), µg/ml

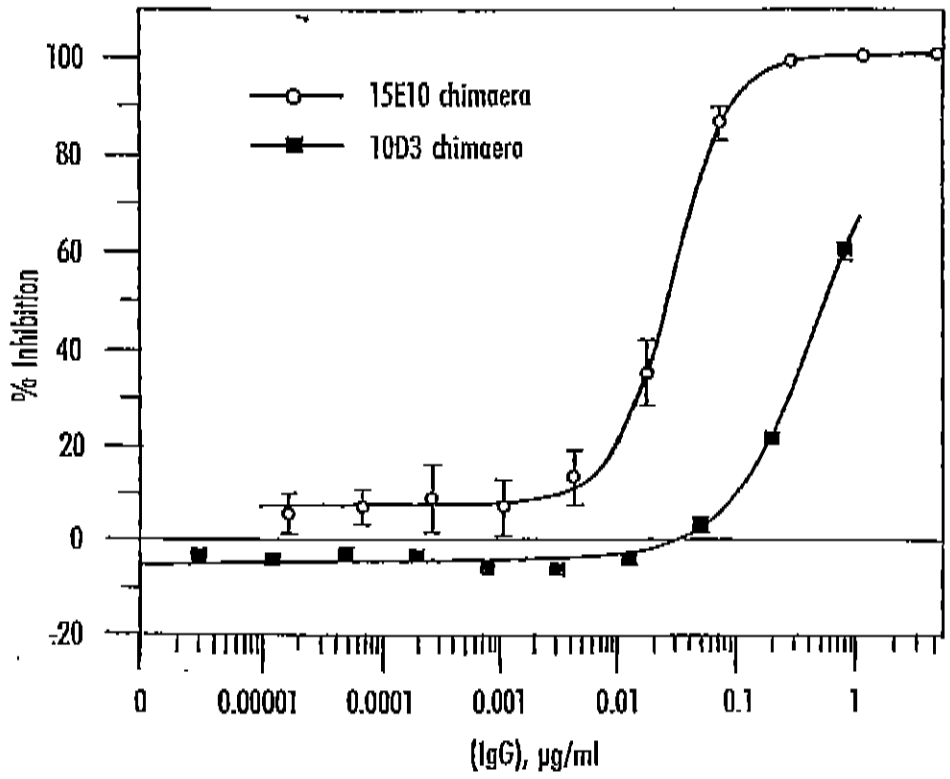
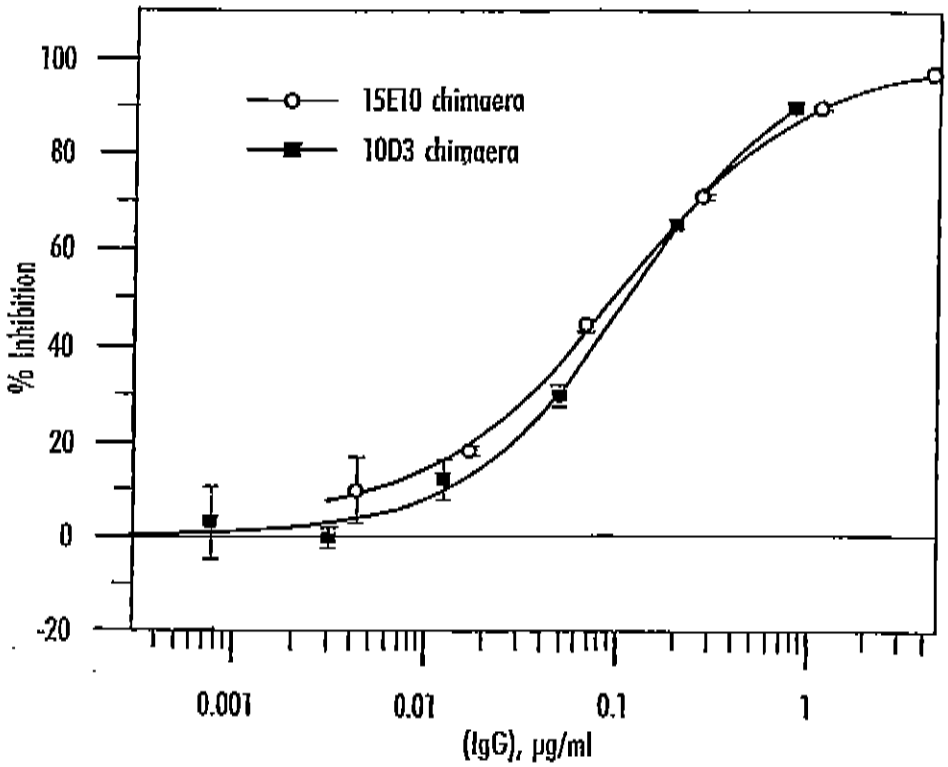

15E10 chimaera
10D3 chimaera
% Inhibition
100
80
60
40
20
0
-20
0
0.00001
0.0001
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 3


15E10 chimaera
10D3 chimaera
% Inhibition
100
80
60
40
20
0
-20
0.001
0.01
0.1
1
(IgG), µg/ml

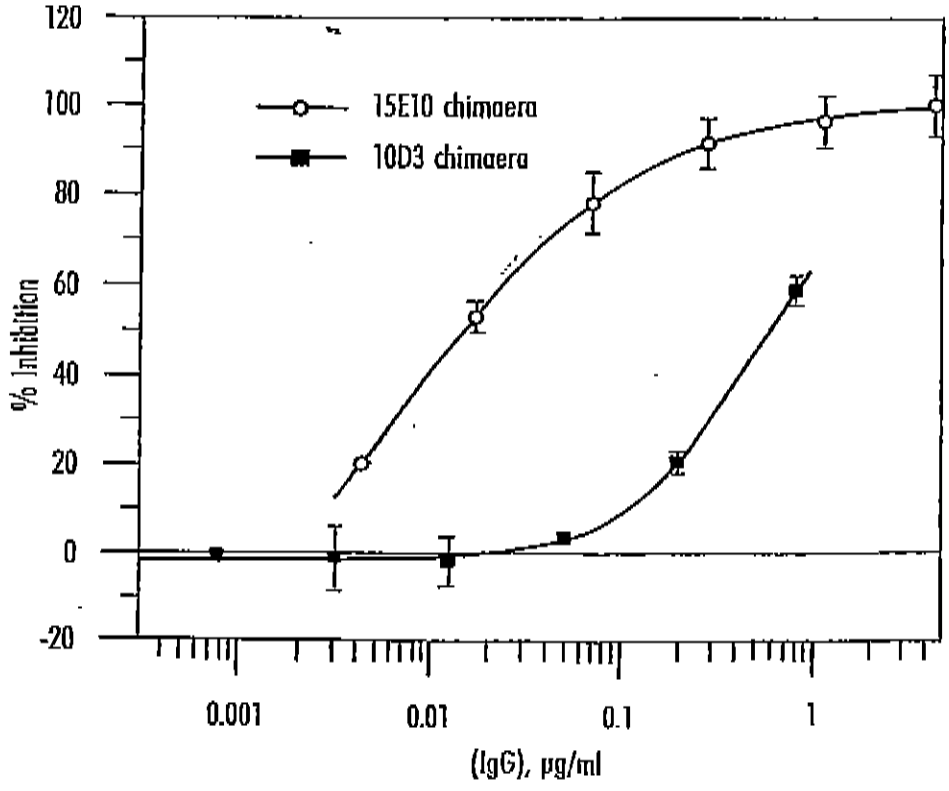
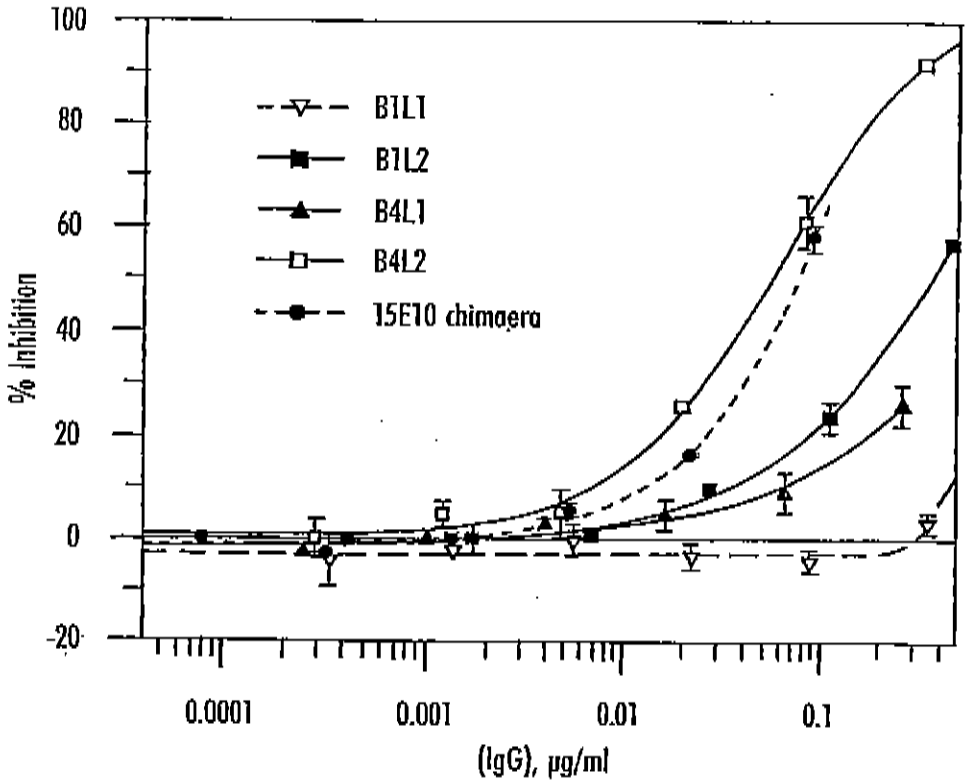

15E10 chimaera
10D3 chimaera
% Inhibition
120
100
80
60
40
20
0
-20
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 4


100
80
60
40
20
0
-20
% Inhibition
B1L1
B1L2
B4L1
B4L2
15E10 chimaera
0.0001
0.001
0.01
0.1
(IgG), µg/ml

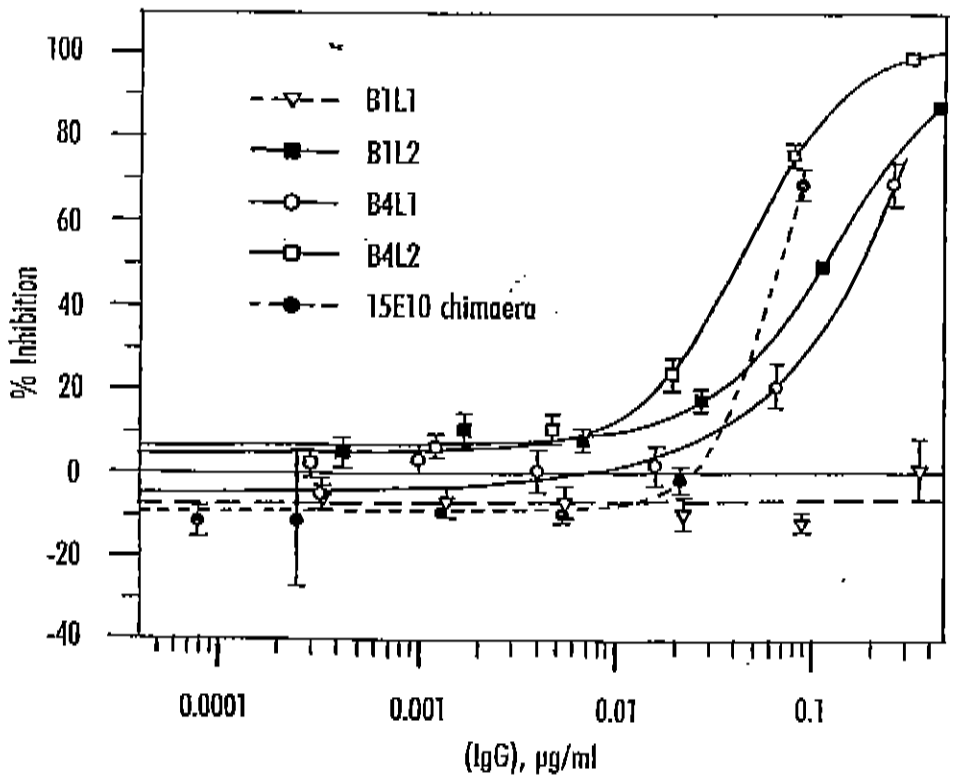

100
80
60
40
20
0
-20
-40
% Inhibition
B1L1
B1L2
B4L1
B4L2
15E10 chimaera
0.0001
0.001
0.01
0.1
(IgG), µg/ml

Fig. 5

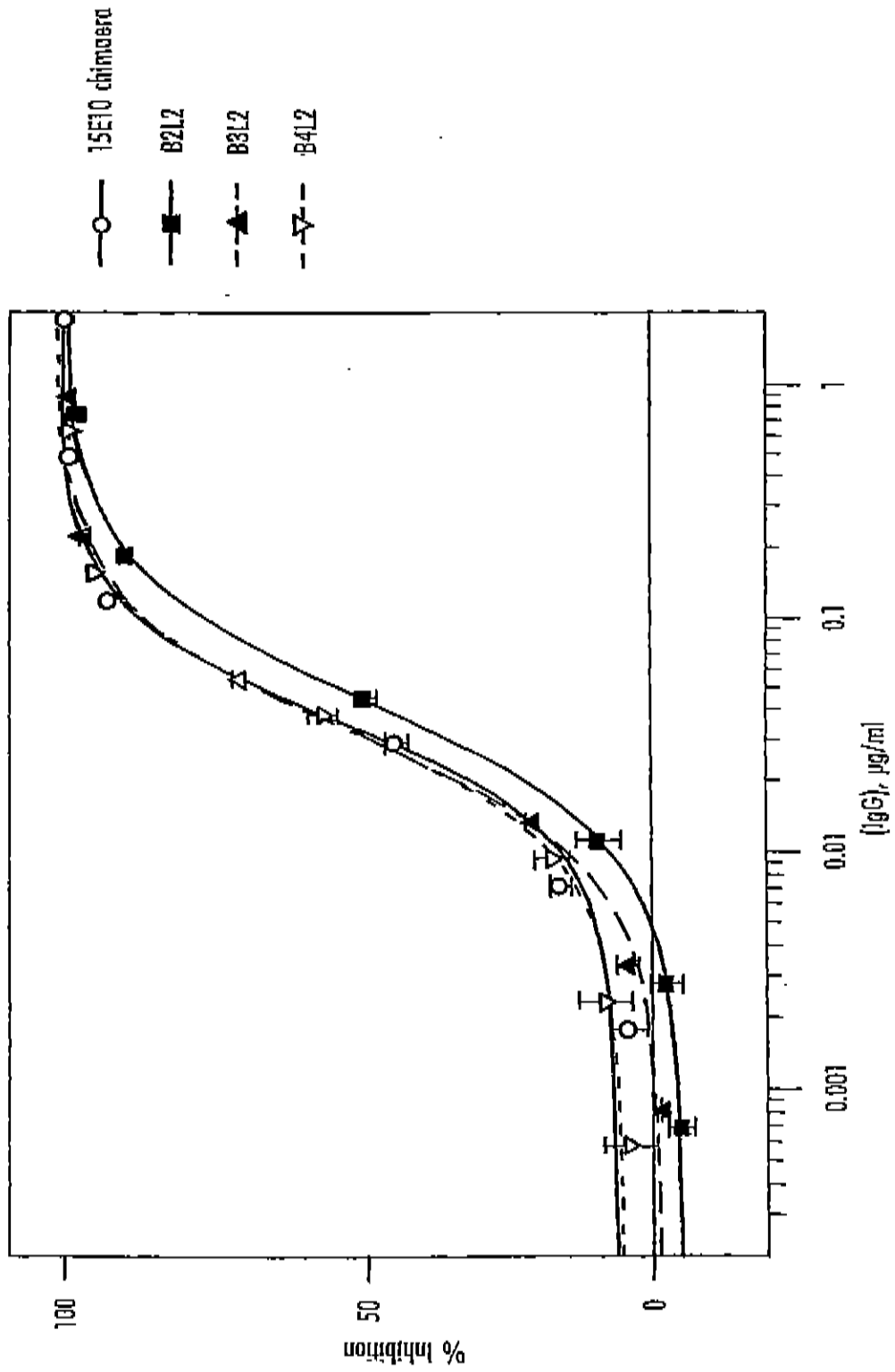

15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
100
50
0
0.001
0.01
0.1
1
[IgG], µg/ml

Fig. 6

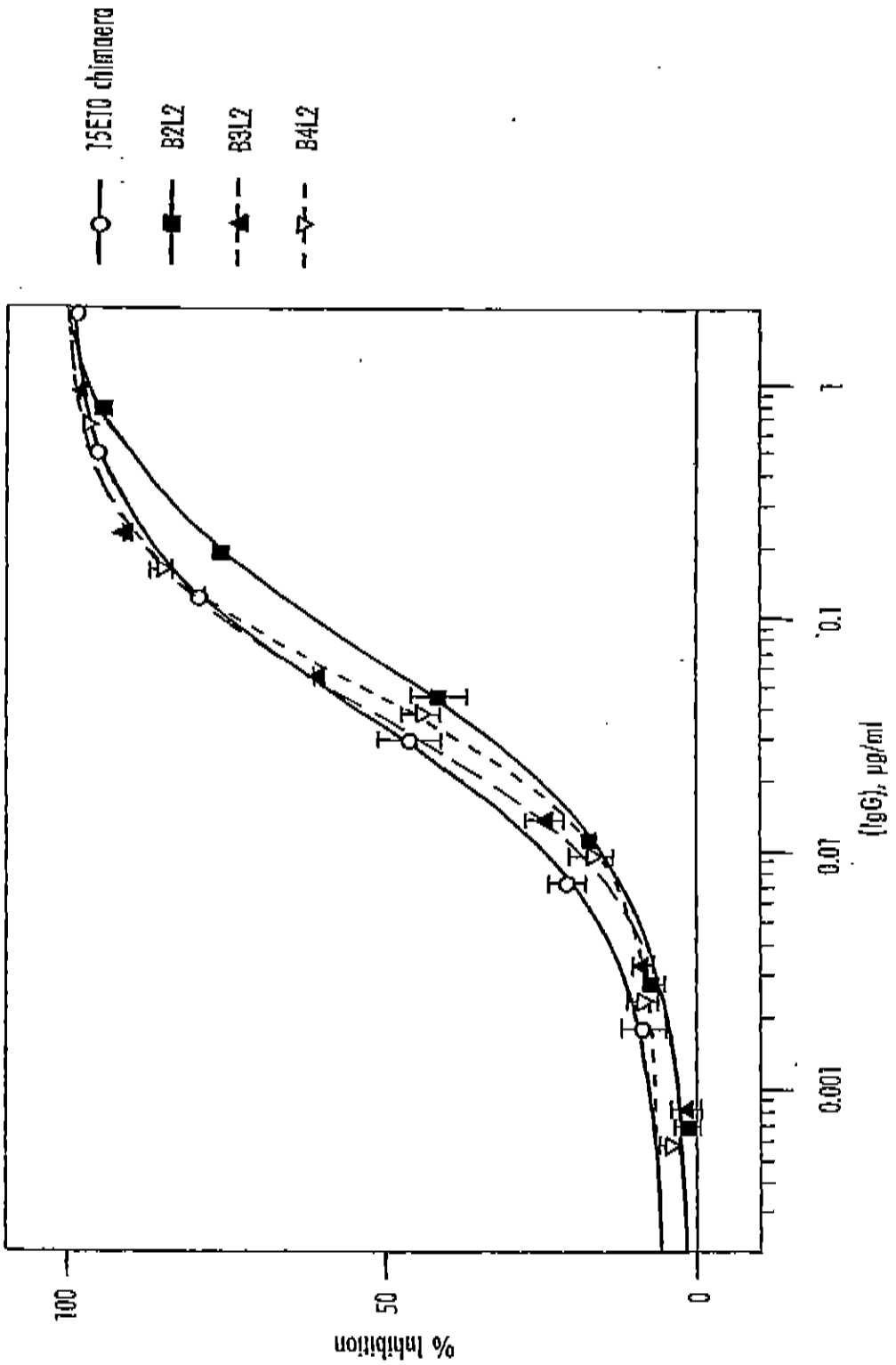

15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
100
50
0
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 7

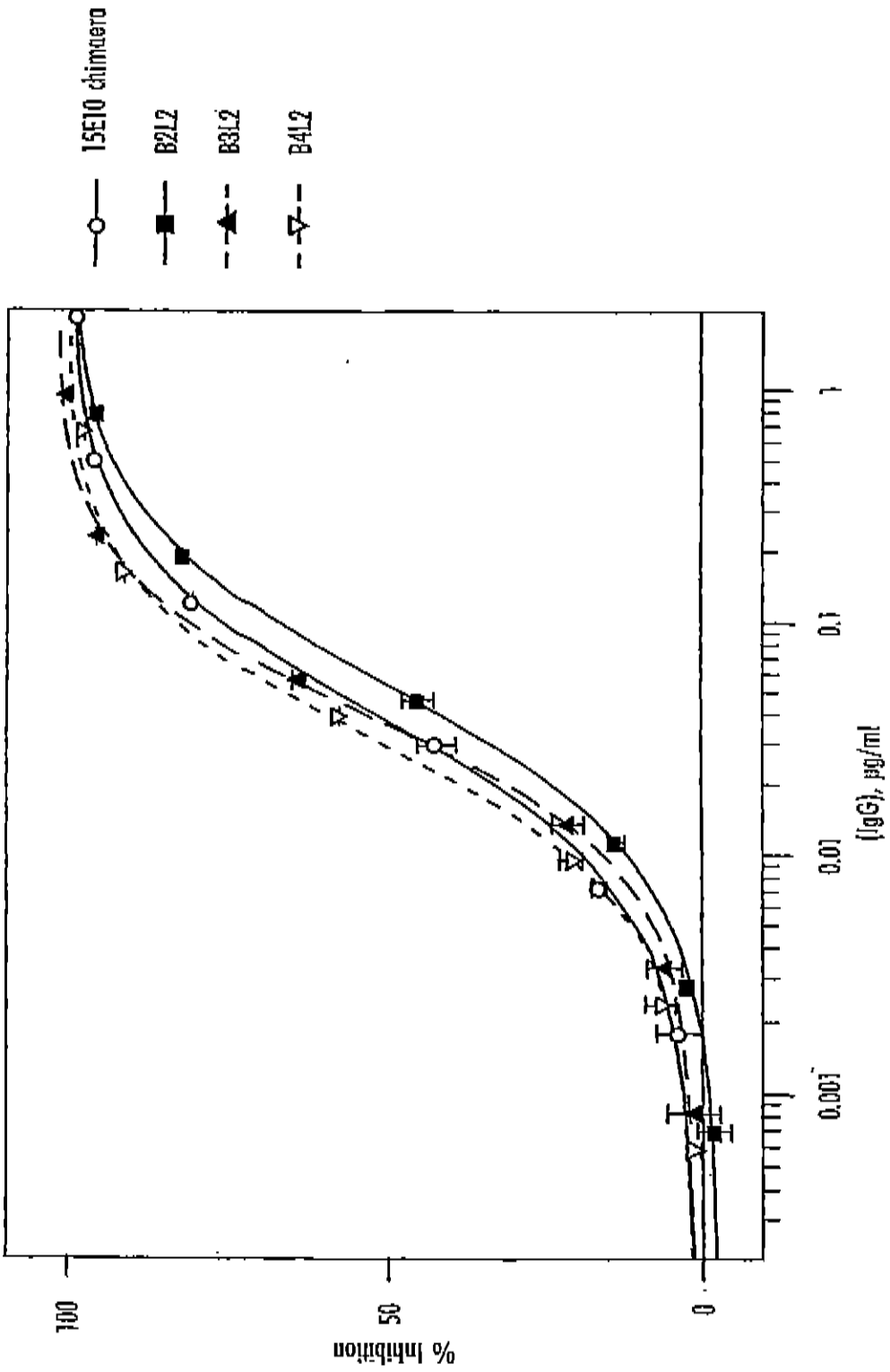
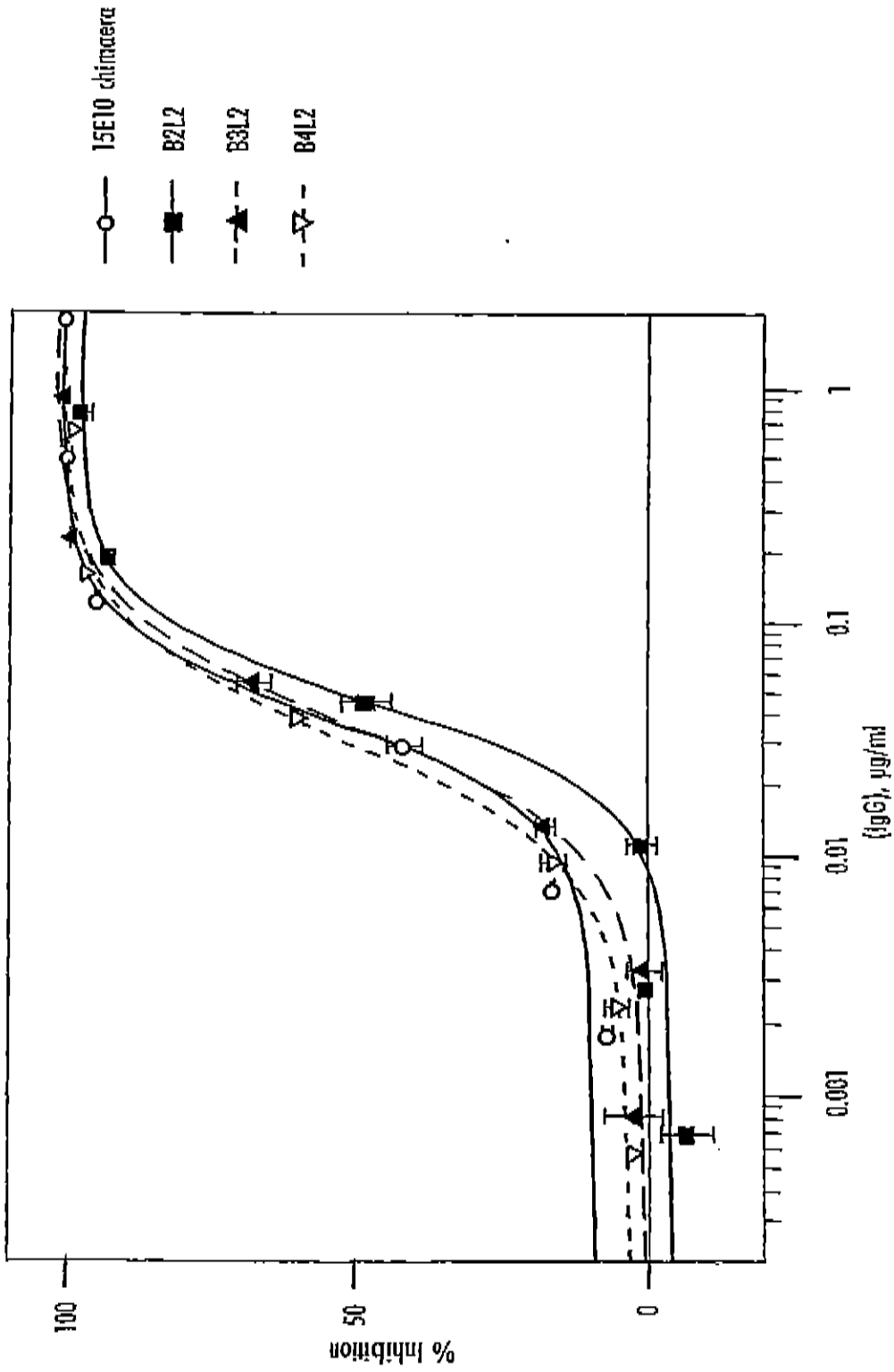

15E10 chimera
B2L2
B3L2
B4L2
100
50
0
% Inhibition
0.001
0.01
0.1
1
[IgG], µg/ml

Fig. 8


15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
100
50
0
0.001
0.01
0.1
1
(IgG), µg/ml

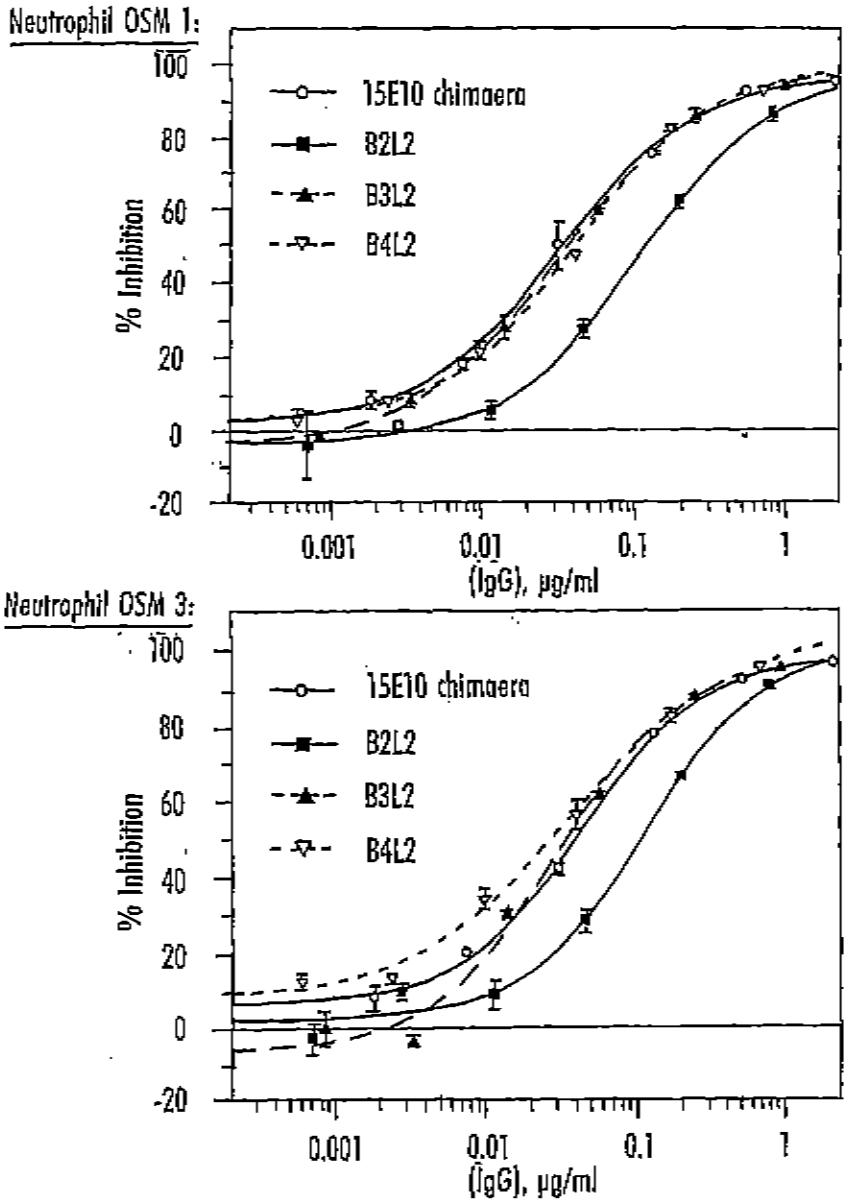

Neutrophil OSM 1:
15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
(IgG), µg/ml
Neutrophil OSM 2:
Neutrophil OSM 3:
Neutrophil OSM 4:

Fig. 9

Fig. 10

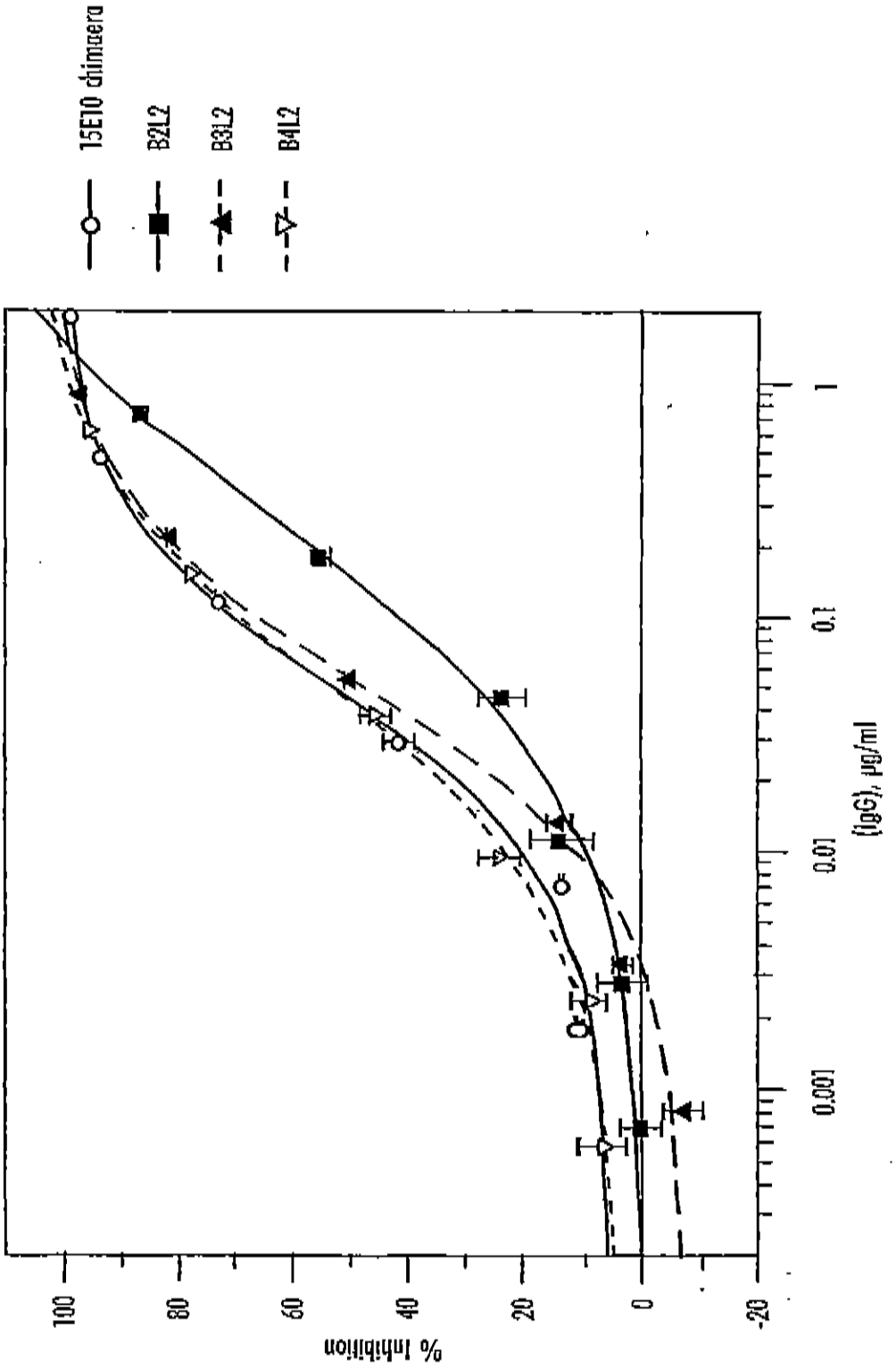

15E10 dimaera
B2L2
B3L2
B4L2
% Inhibition
100
80
60
40
20
0
-20
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 11

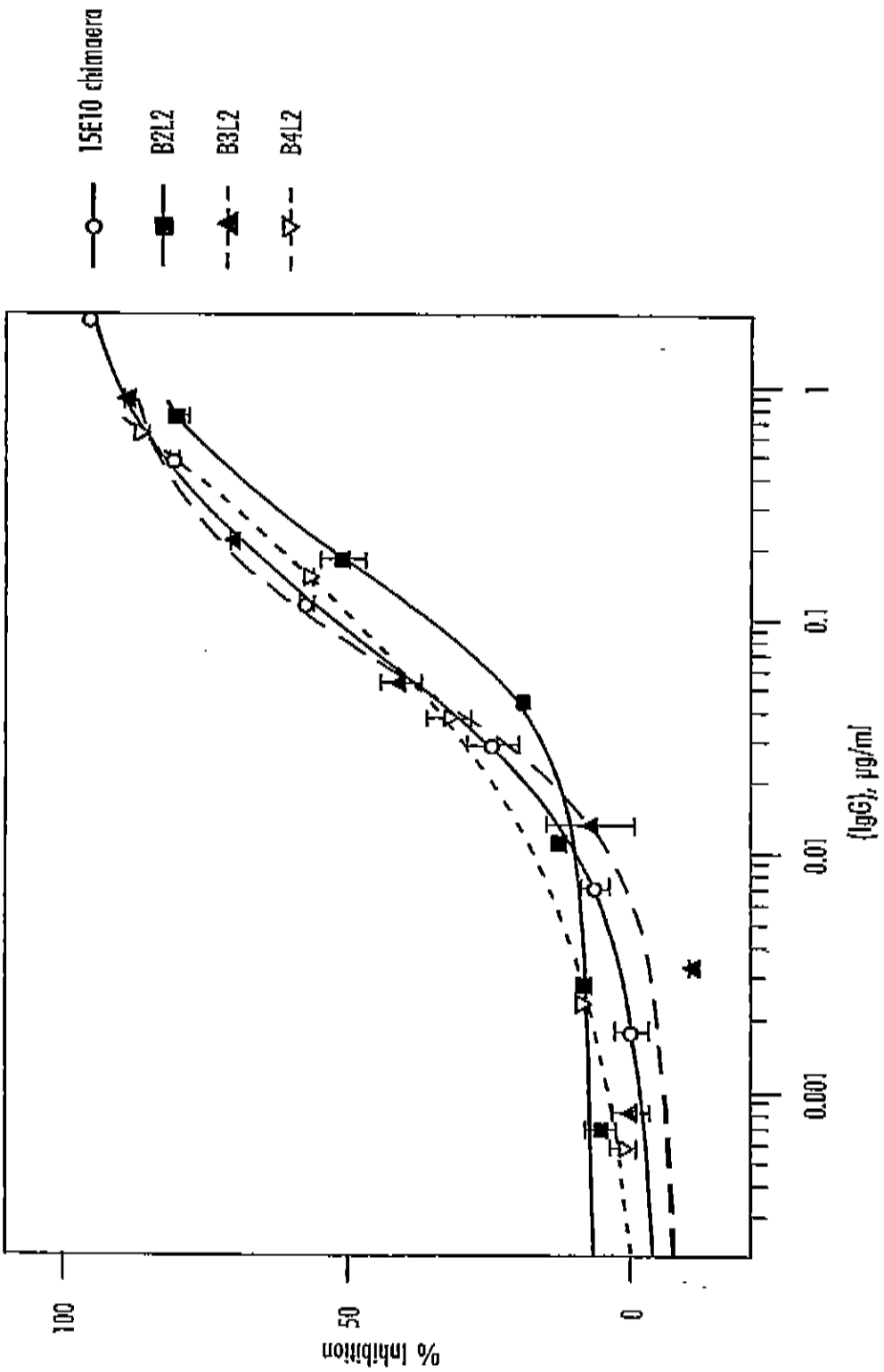

15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
100
50
0
0.001
0.01
0.1
1
[IgG], µg/ml

Fig. 12

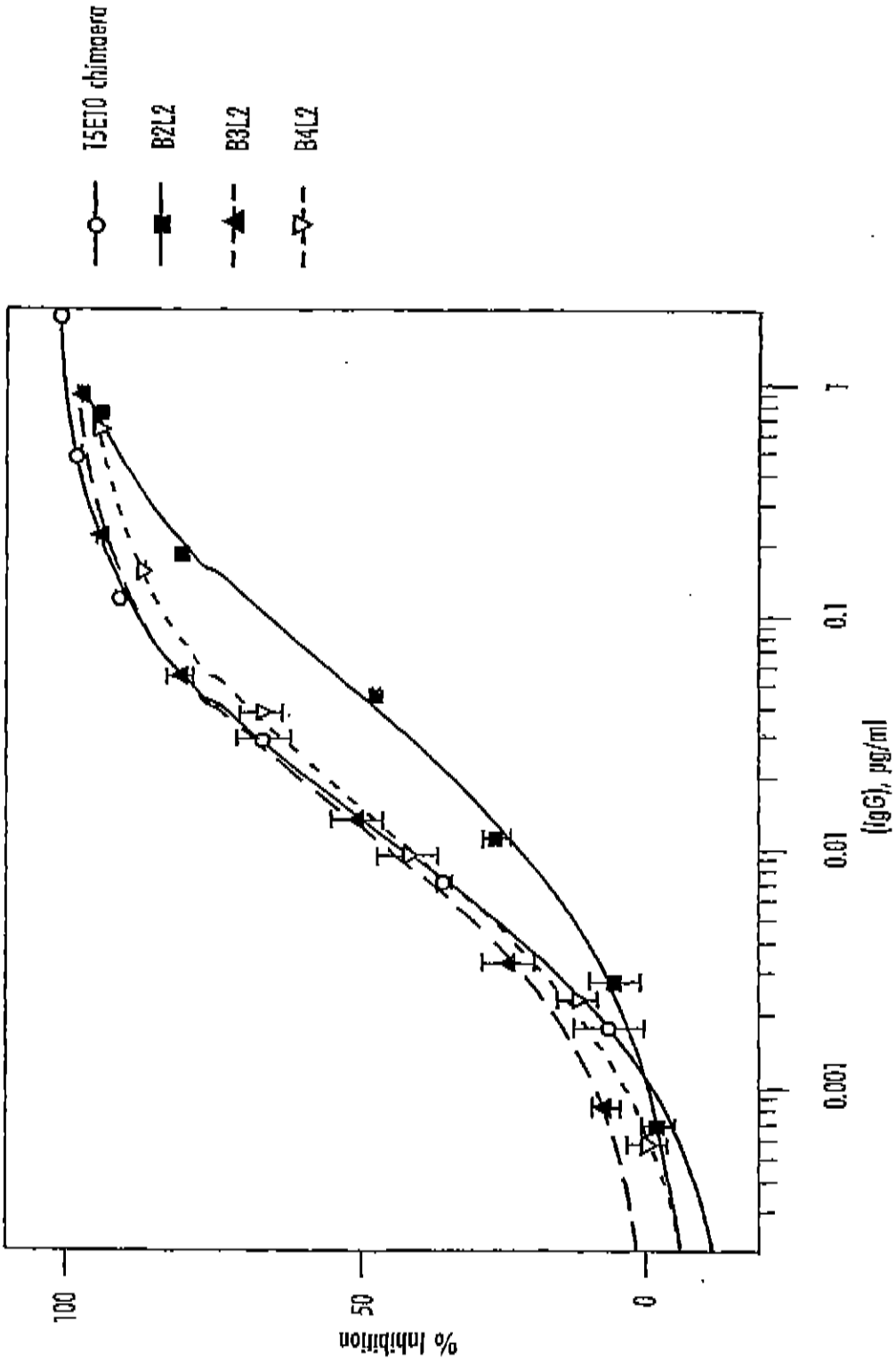

15E10 chimaera
B2L2
B3L2
B4L2
100
50
0
% Inhibition
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 13

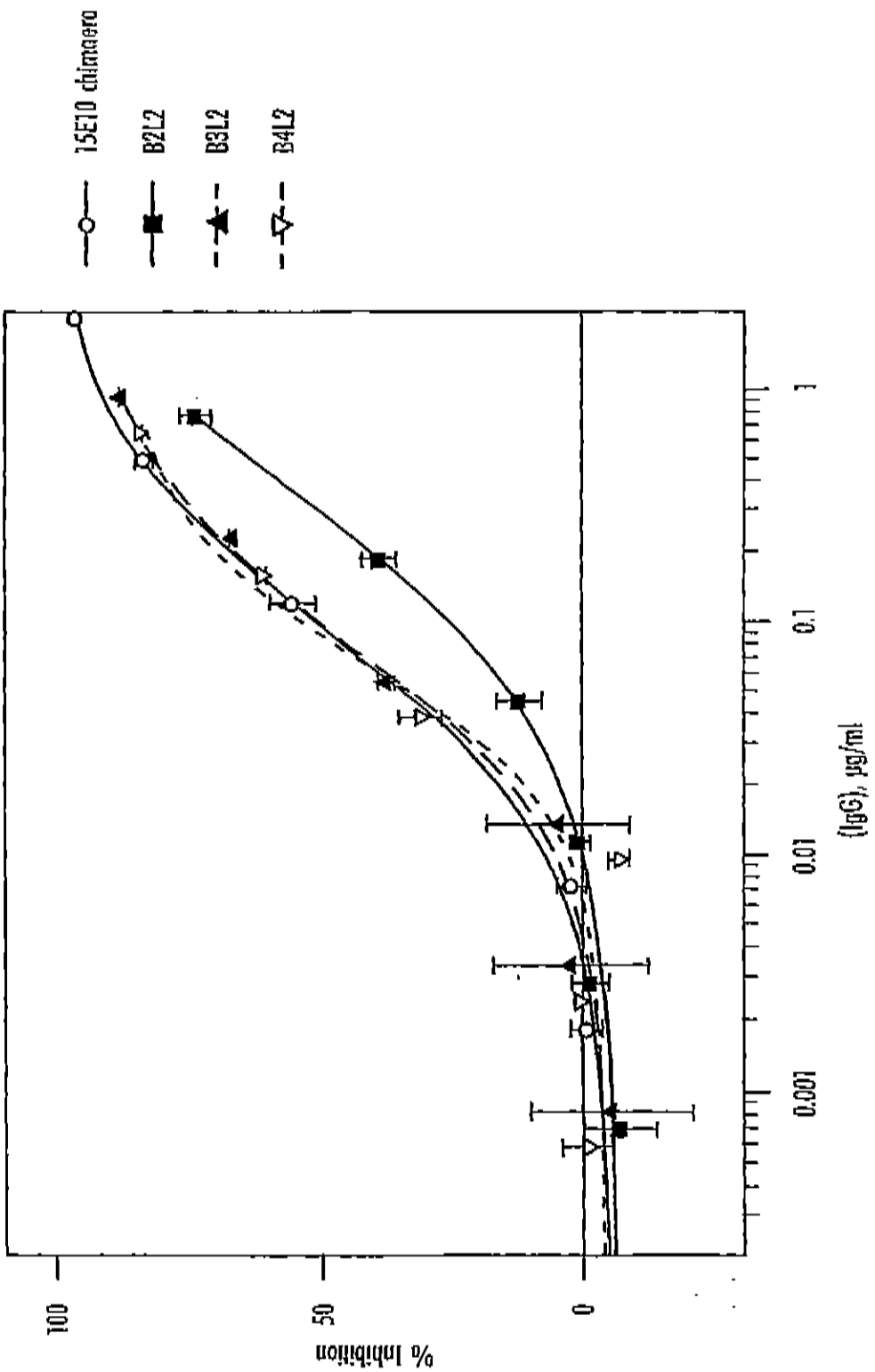

15E10 chimaera
B2L2
B3L2
B4L2
100
50
0
% Inhibition
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 14

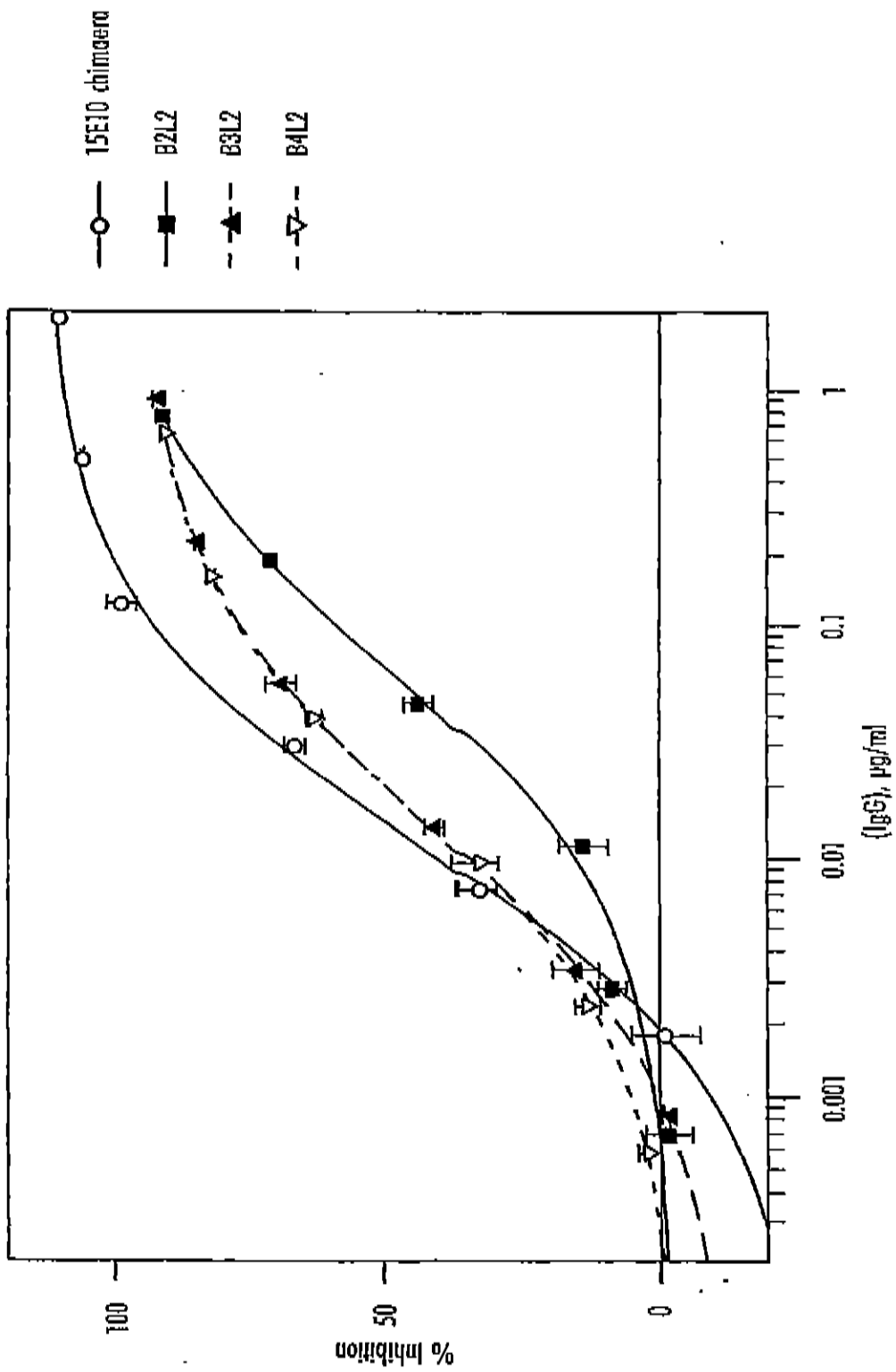

15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
100
50
0
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 15

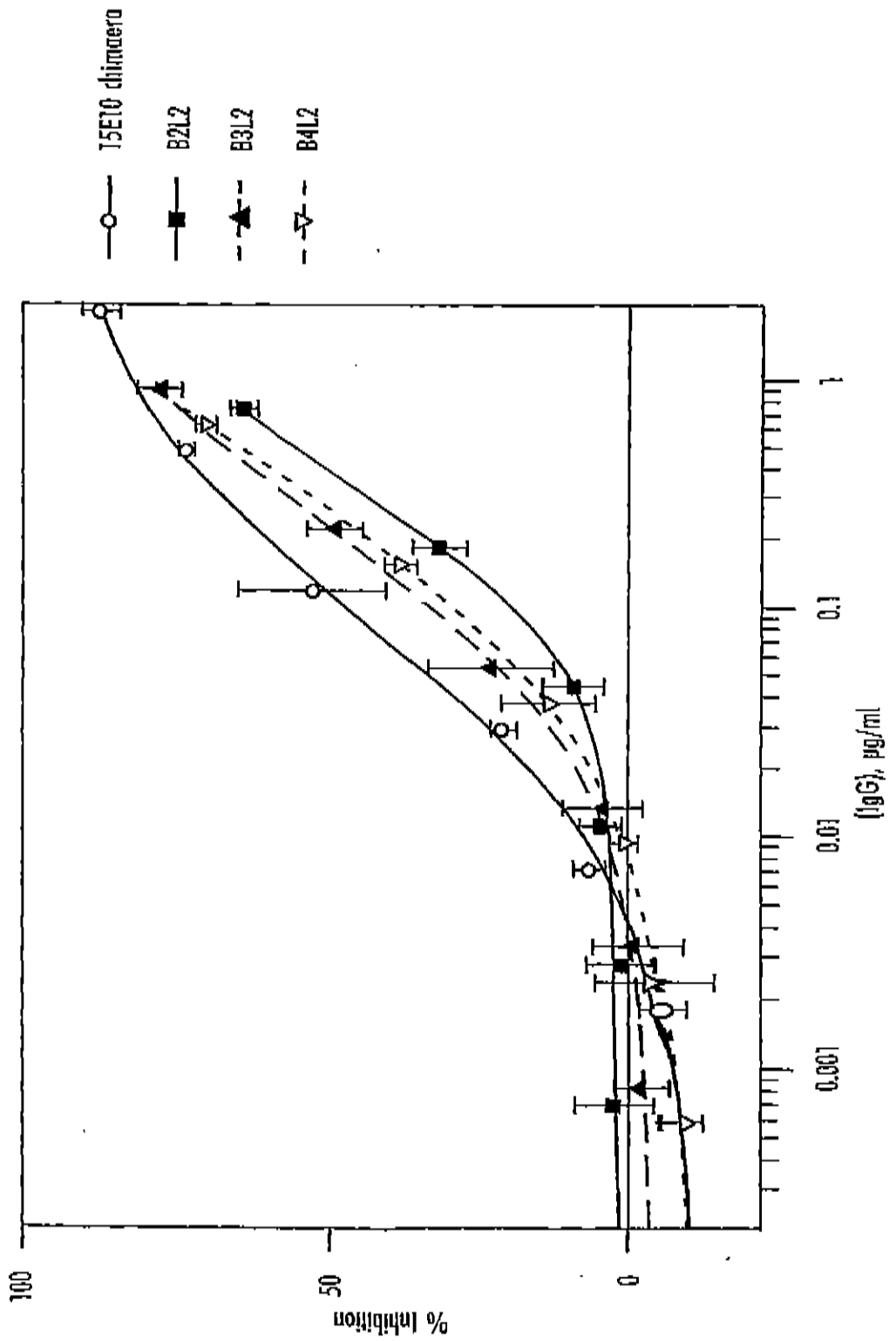

15E10 chimaera
B2L2
B3L2
B4L2
% Inhibition
100
50
0
0.001
0.01
0.1
1
[IgG], µg/ml

Fig. 16

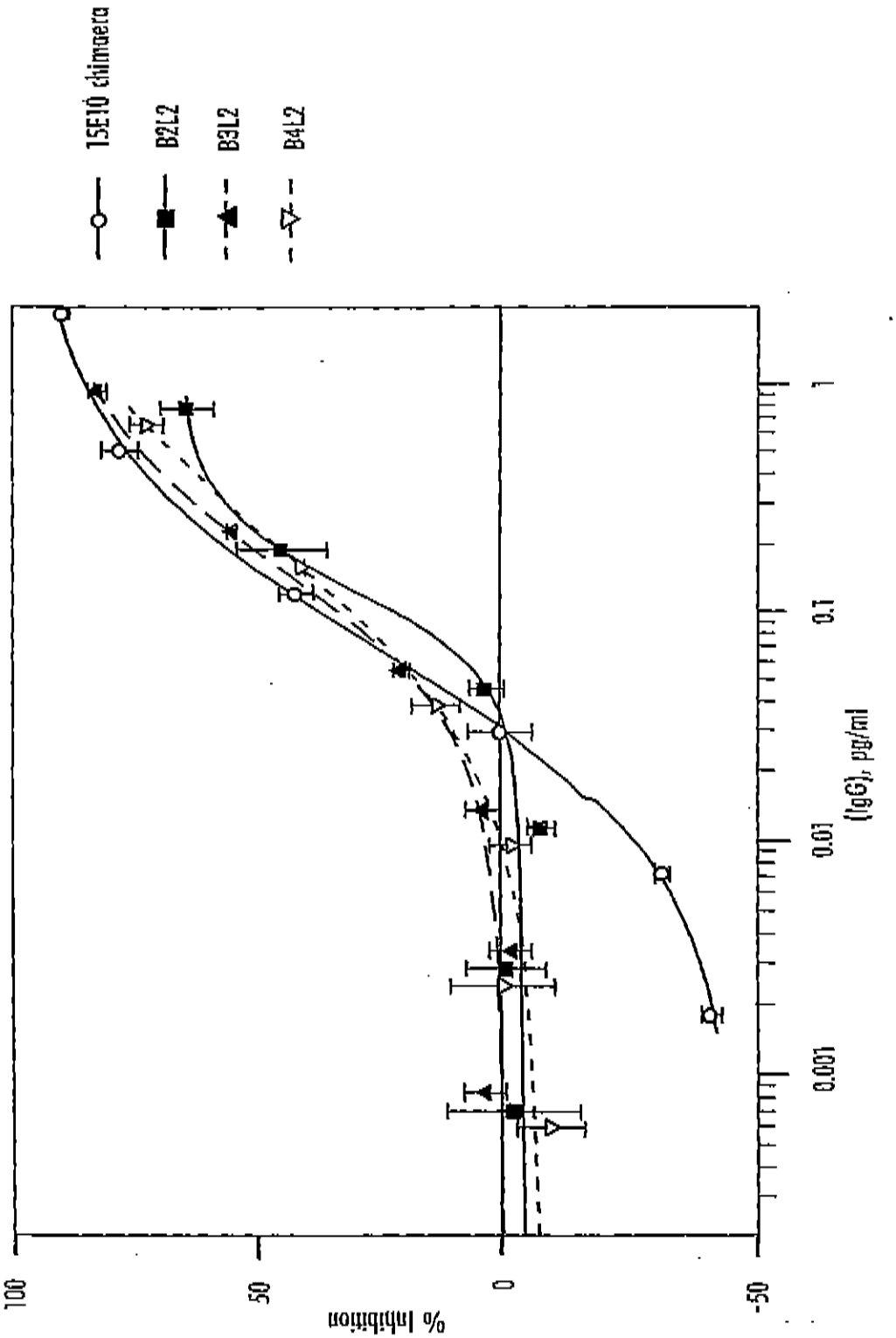

15E10 chimaera
B2L2
B3L2
B4L2
100
50
0
-50
% Inhibition
0.001
0.01
0.1
1
(IgG), µg/ml

Fig. 17

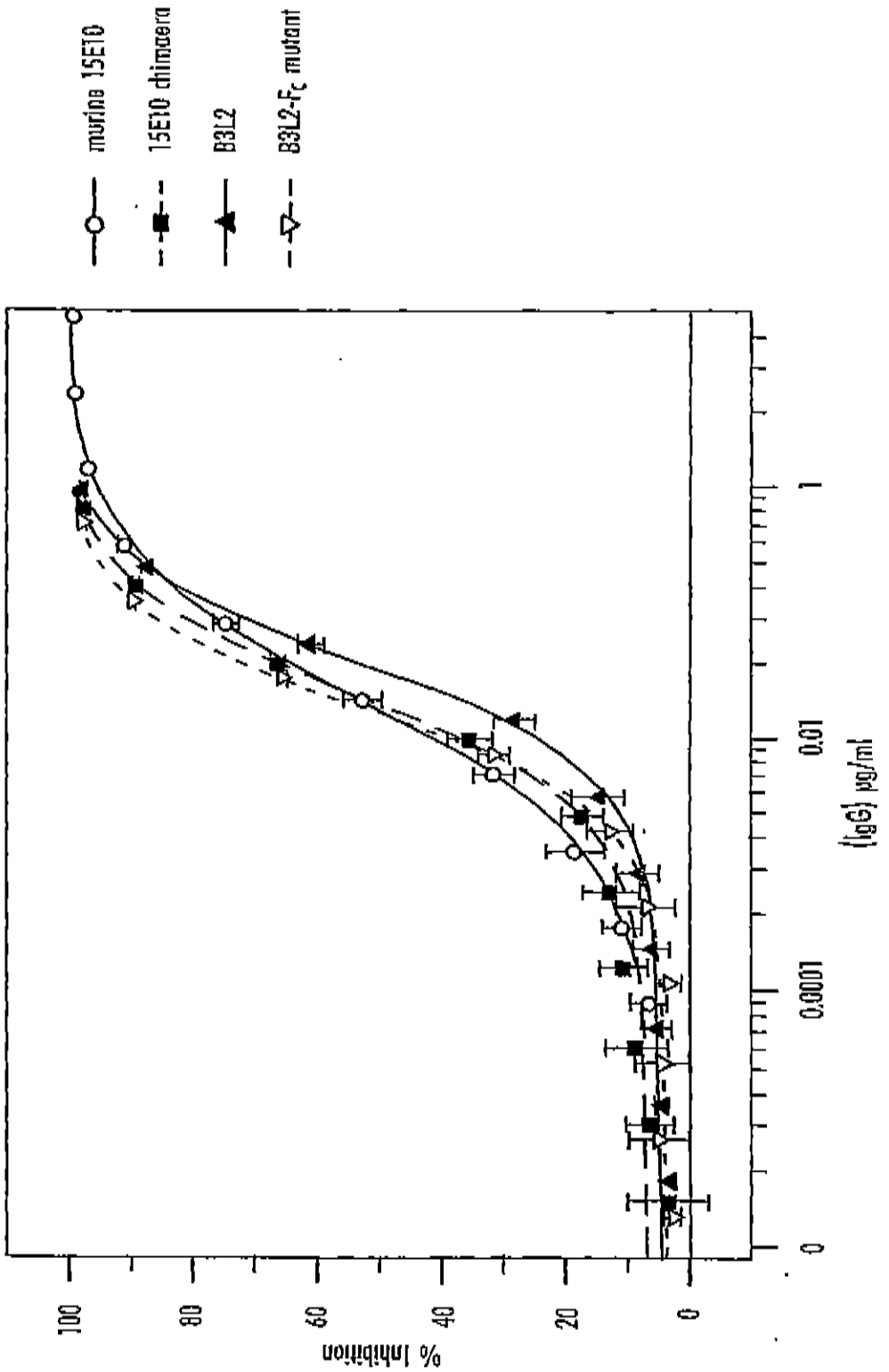

murine 15E10
15E10 chimaera
B3L2
B3L2-Fc mutant
% Inhibition
100
80
60
40
20
0
0
0.0001
0.01
1
(IgG) µg/ml

Fig. 18

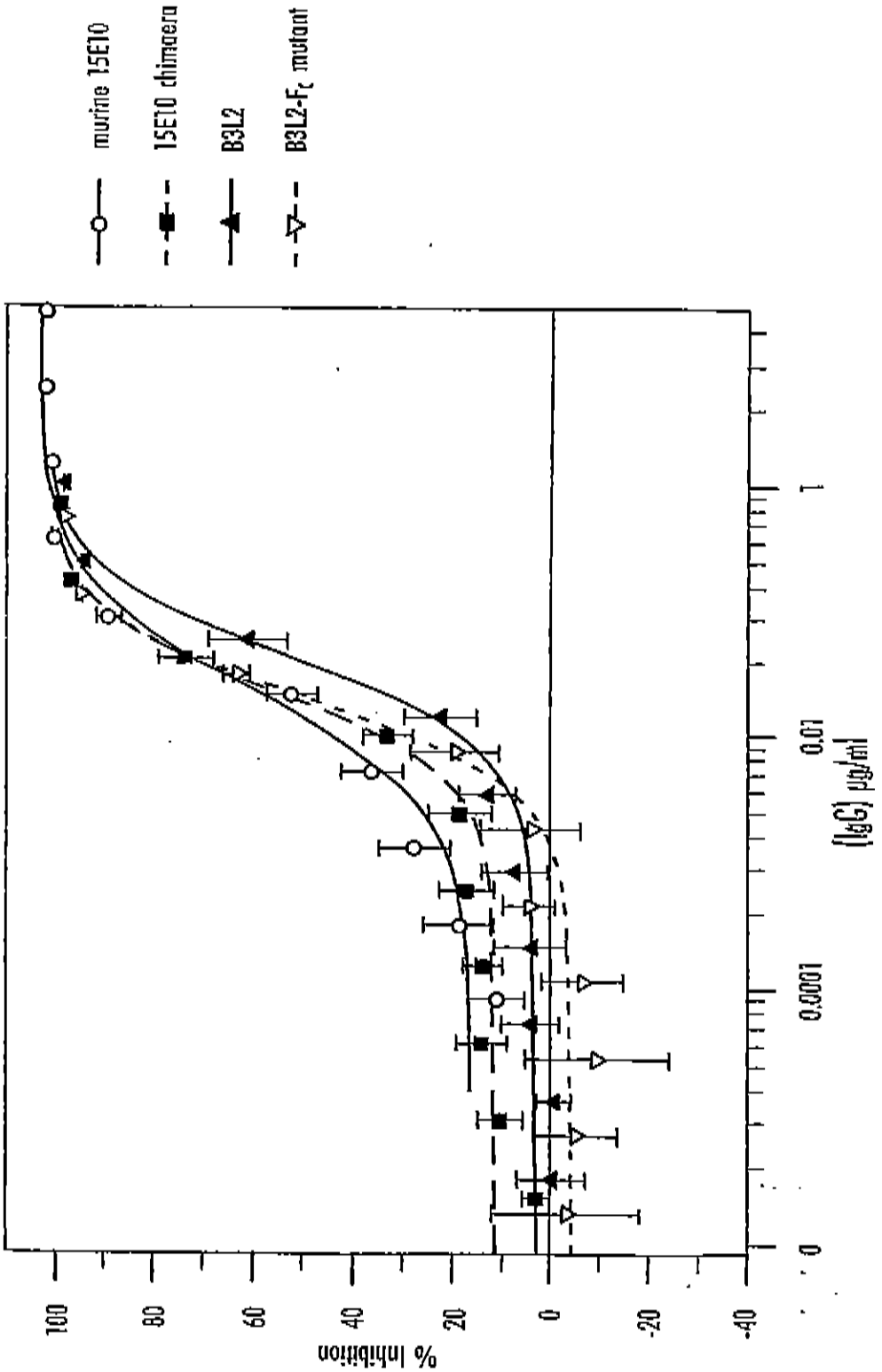

murine 15E10
15E10 chimaera
B3L2
B3L2-Fc mutant
% inhibition
100
80
60
40
20
0
-20
-40
0
0.0001
0.01
1
(IgG) µg/ml

Fig. 19

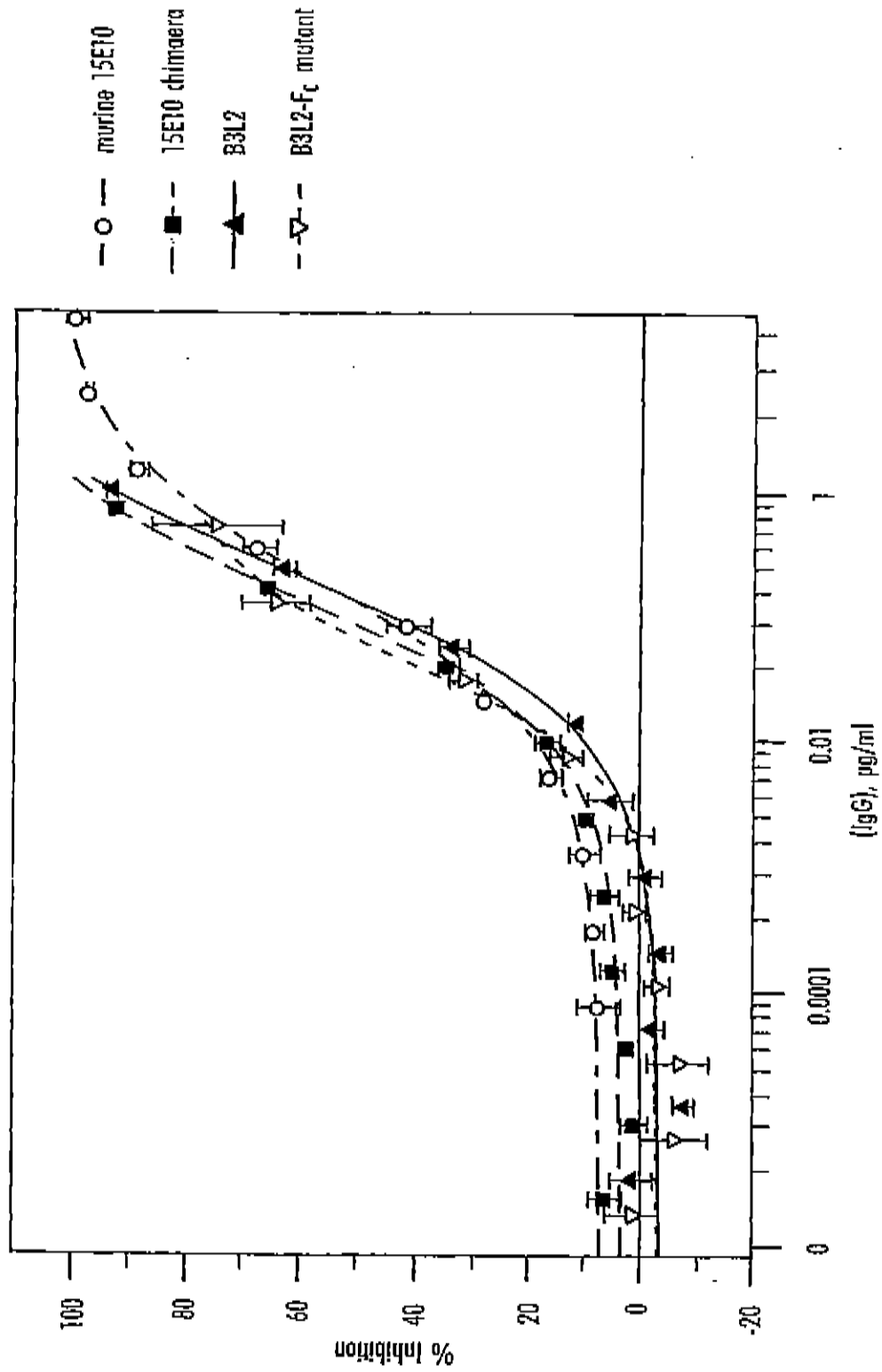

murine 15E10
15E10 chimaera
B3L2
B3L2-Fc mutant
% Inhibition
100
80
60
40
20
0
-20
0
0.0001
0.01
1
(IgG), µg/ml

Fig. 20

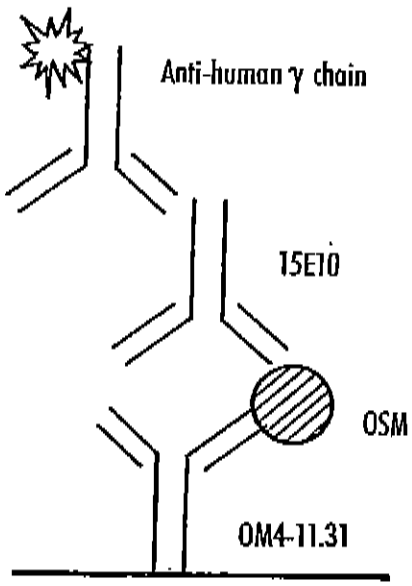


Fig. 21

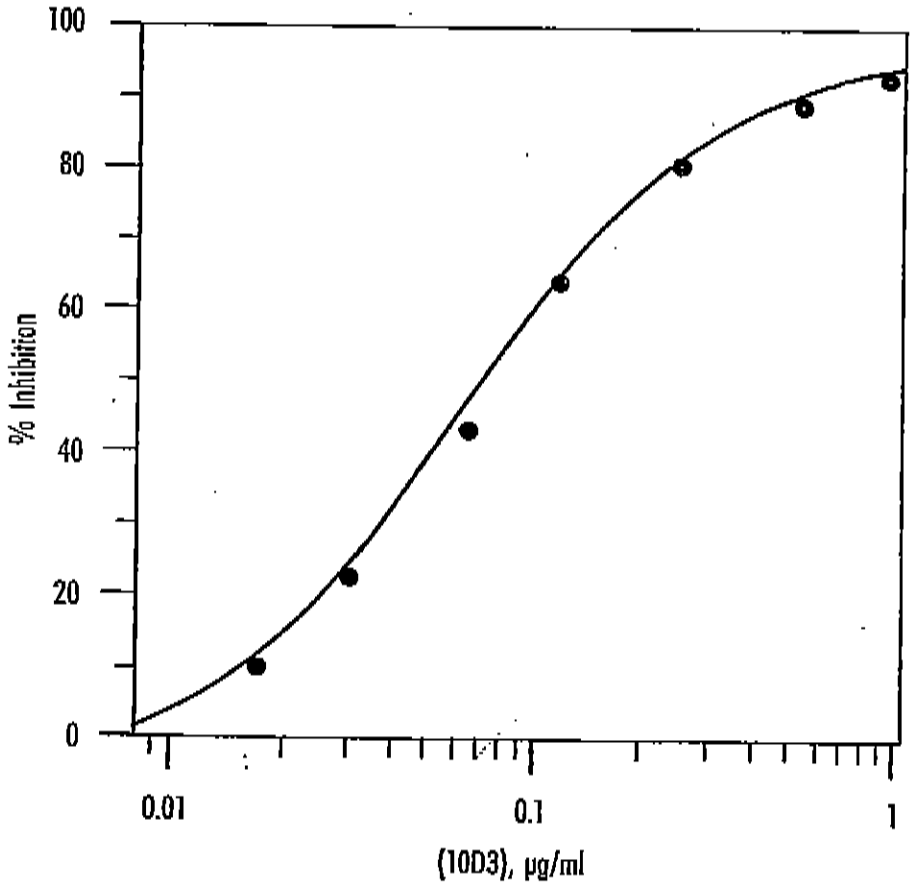


Fig. 22

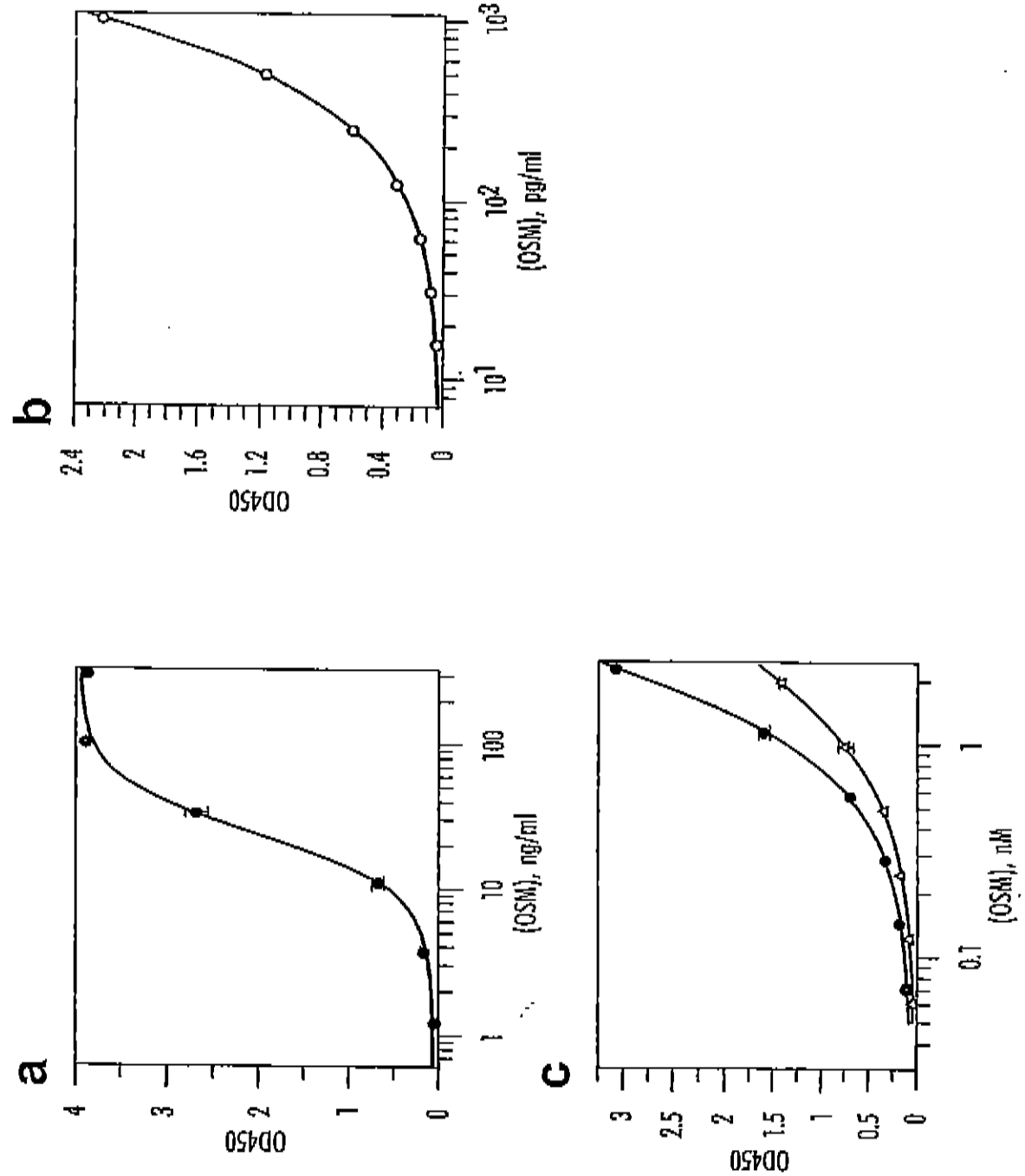

a
OD450
4
3
2
1
0
1
10
100
(OSM), ng/ml
b
OD450
2.4
2
1.6
1.2
0.8
0.4
0
$10^1$
$10^2$
$10^3$
(OSM), pg/ml
c
OD450
3
2.5
2
1.5
1
0.5
0
0.1
1
(OSM), nM

Fig. 23

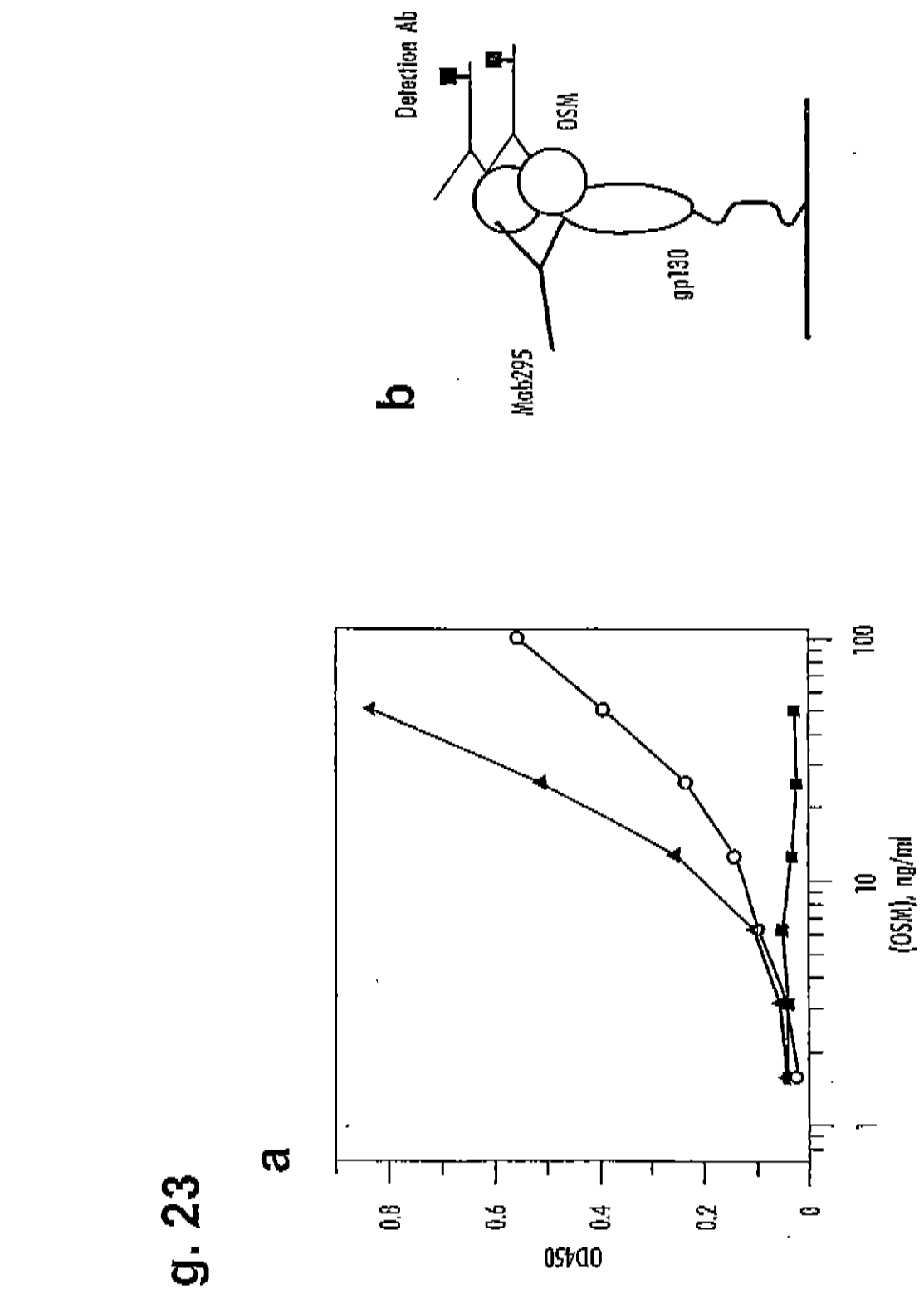

a
OD450
0
0.2
0.4
0.6
0.8
1
10
100
(OSM), ng/ml
b
Detection Ab
OSM
gp130
Mab295

Fig. 24

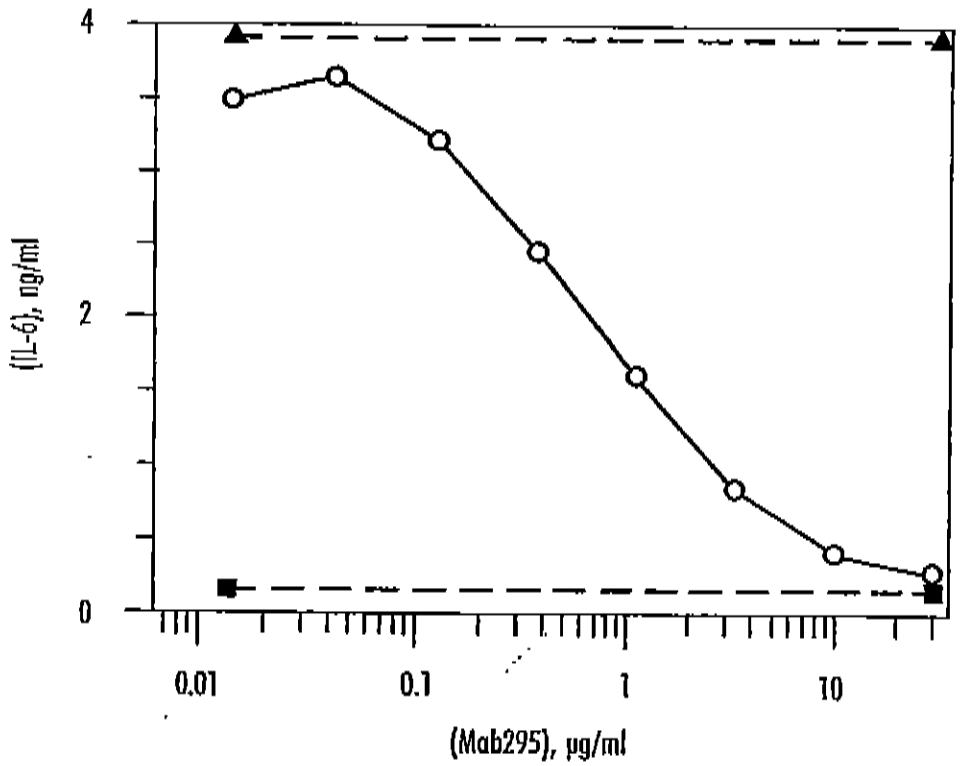


Fig. 25

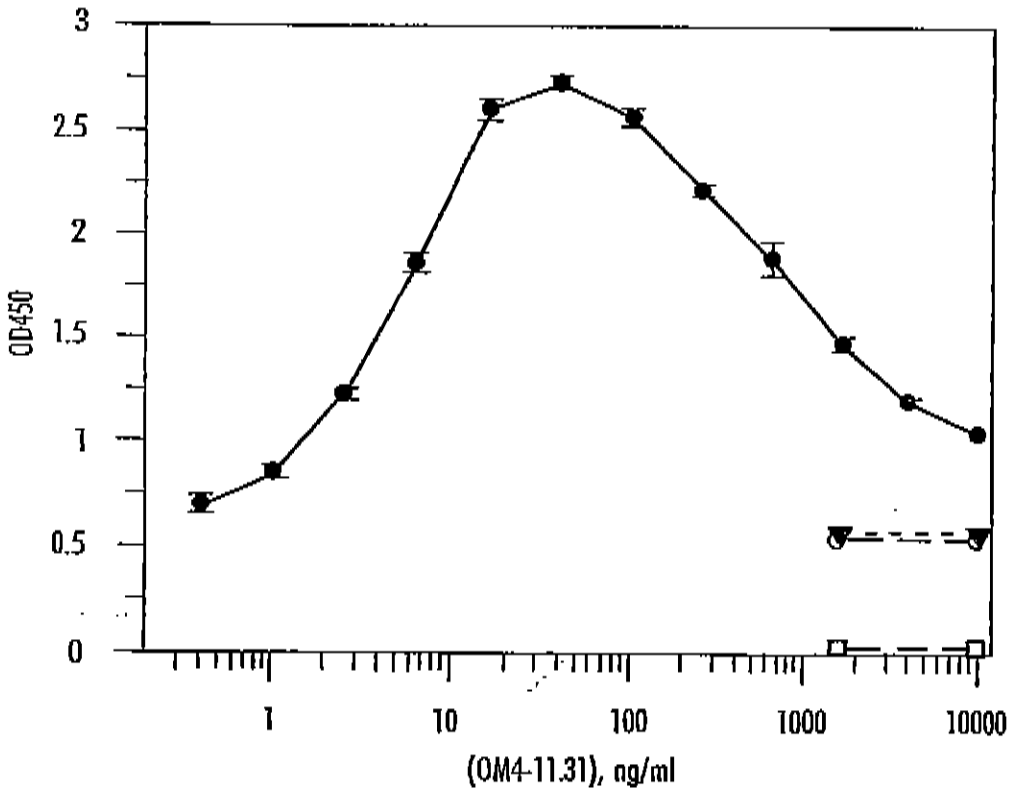


Fig. 26

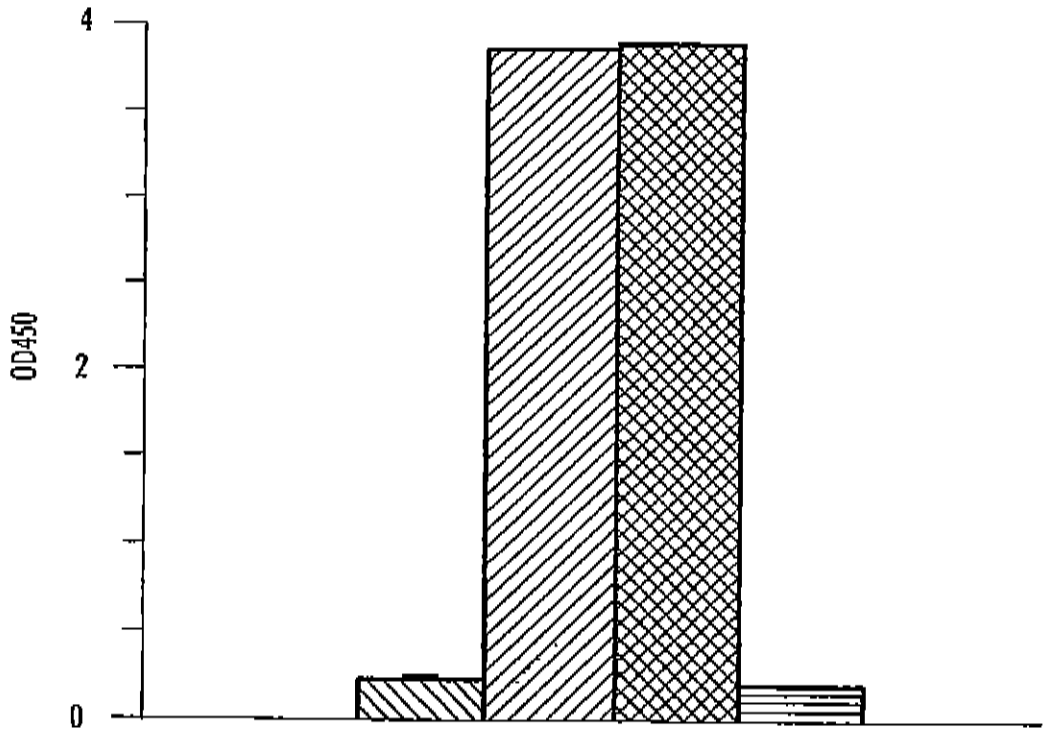


Fig. 27

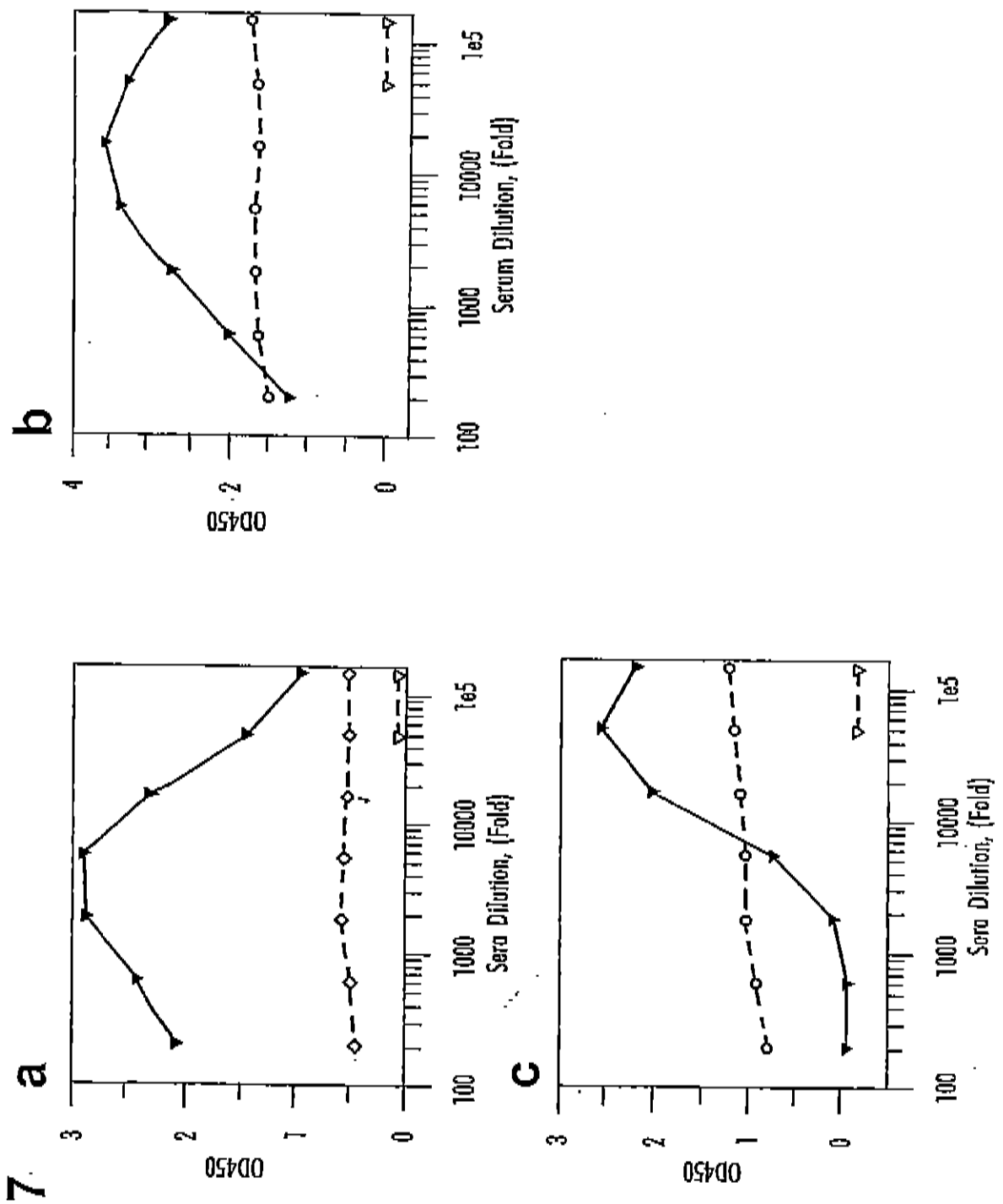
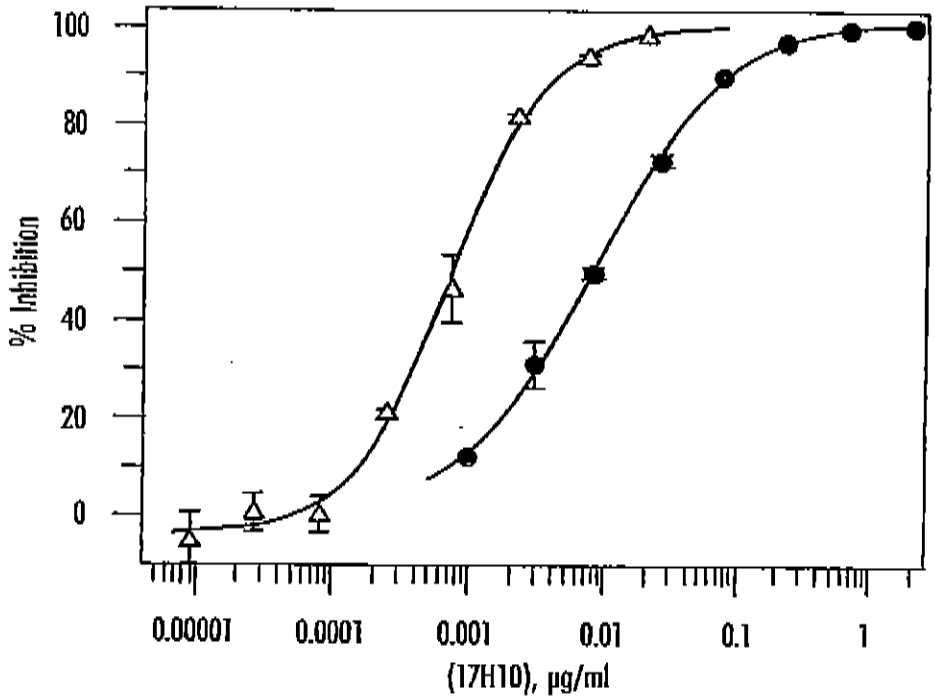

a
b
c
OD450
Sera Dilution, (Fold)
Serum Dilution, (Fold)
100
1000
10000
1e5
0
1
2
3
4

Fig. 28

a


100
80
60
40
20
0
% Inhibition
0.00001
0.0001
0.001
0.01
0.1
1
(17H10), µg/ml

b

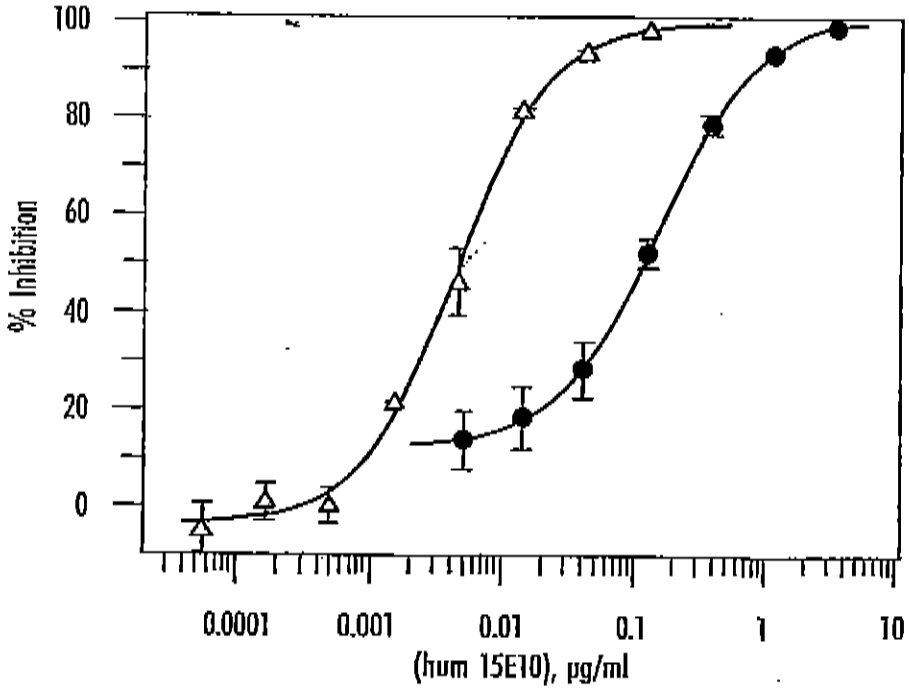

100
80
60
40
20
0
% Inhibition
0.0001
0.001
0.01
0.1
1
10
(hum 15E10), µg/ml

Fig. 29

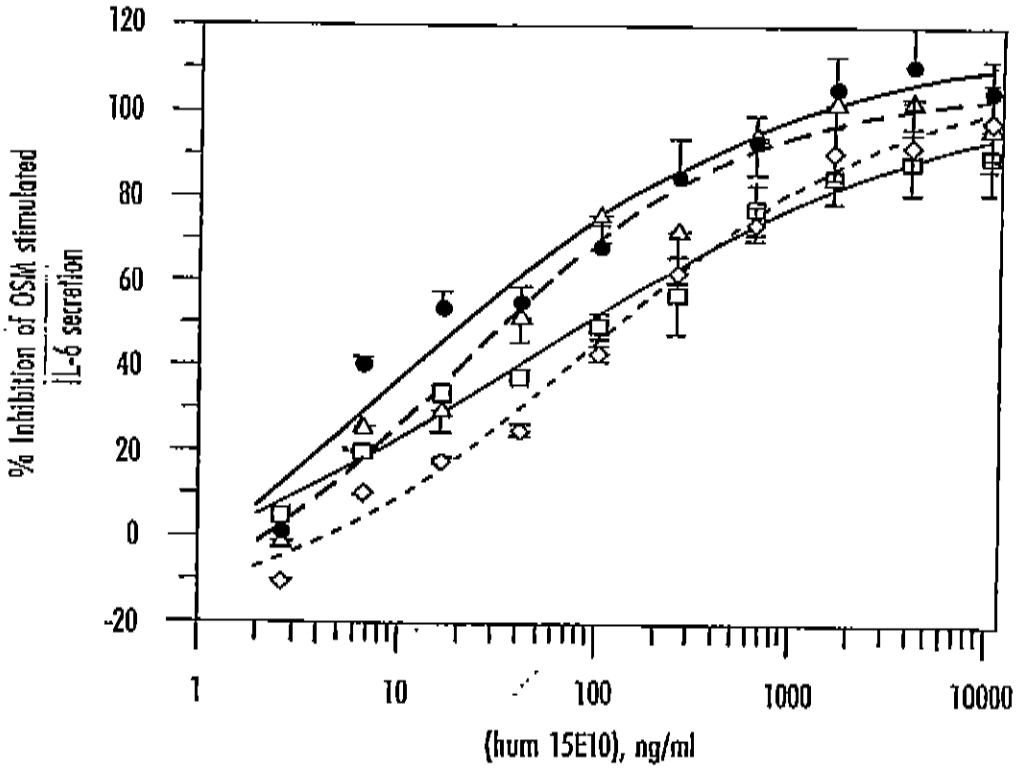

% Inhibition of OSM stimulated IL-6 secretion
120
100
80
60
40
20
0
-20
1
10
100
1000
10000
(hum 15E10), ng/ml

Fig. 30

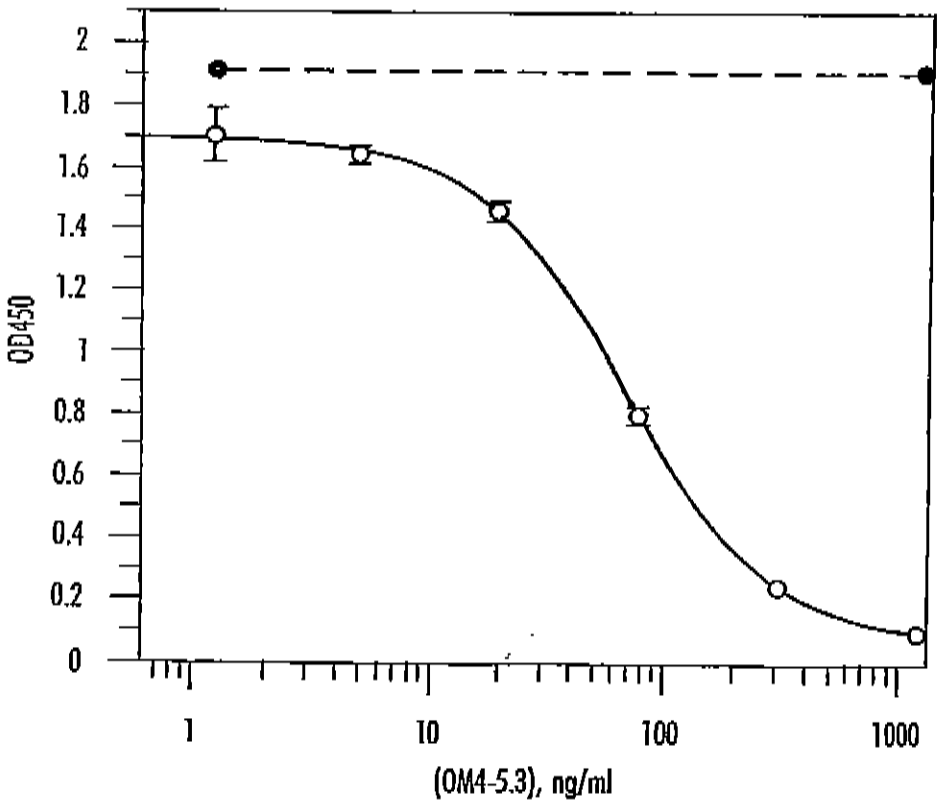


Fig. 31

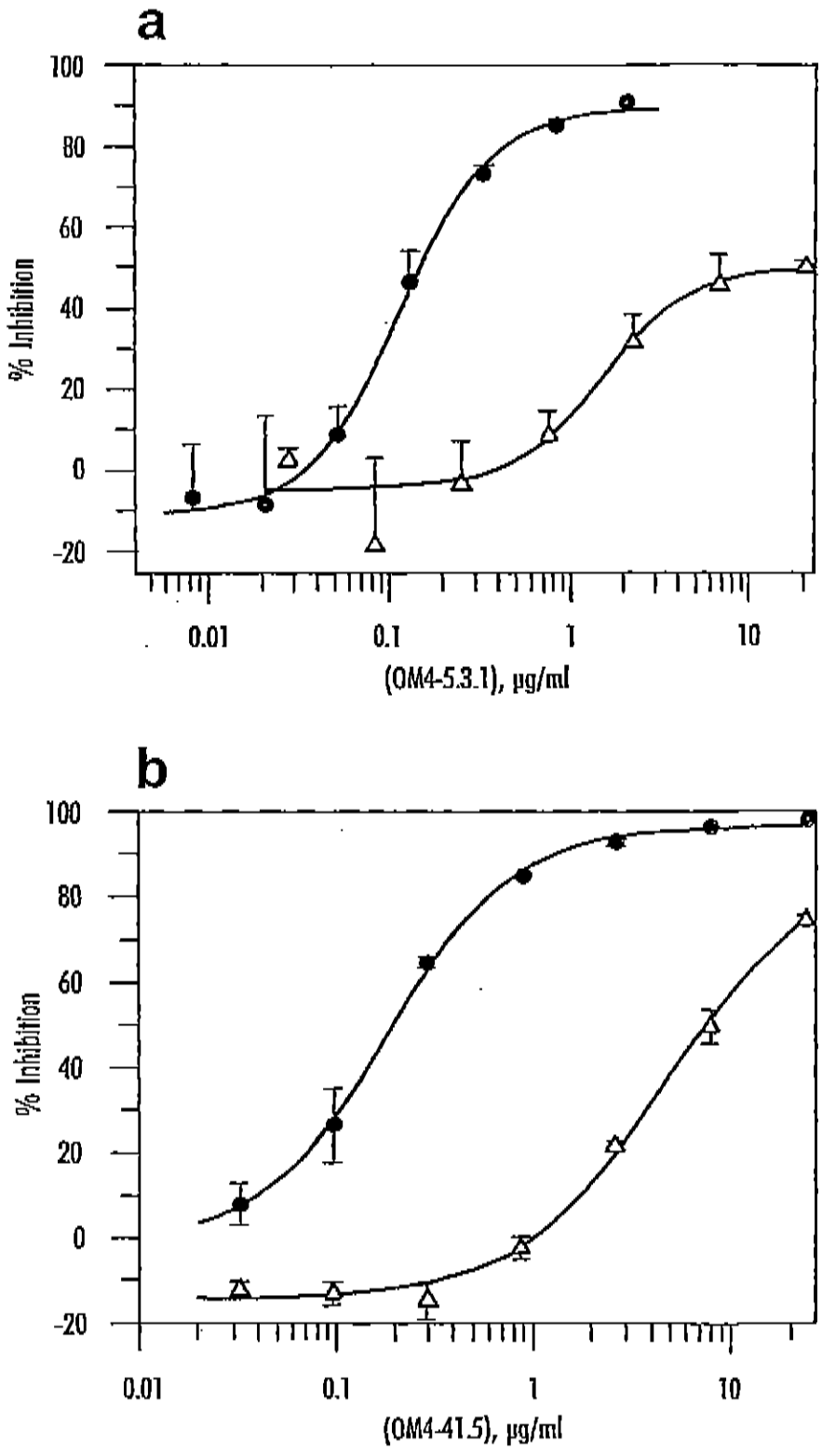
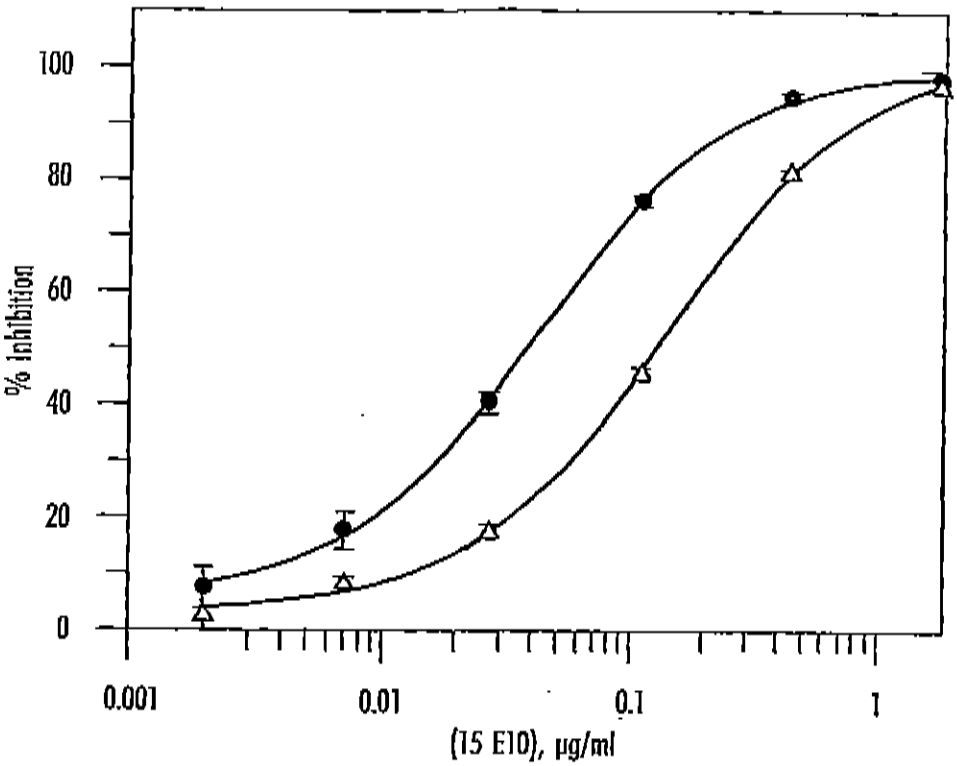

a
100
80
60
40
20
0
-20
% Inhibition
0.01
0.1
1
10
(OM4-5.3.1), µg/ml
b
100
80
60
40
20
0
-20
% Inhibition
0.01
0.1
1
10
(OM4-41.5), µg/ml

Fig. 32

a


100
80
60
40
20
0
% Inhibition
0.001
0.01
0.1
1
(15 E10), µg/ml

b

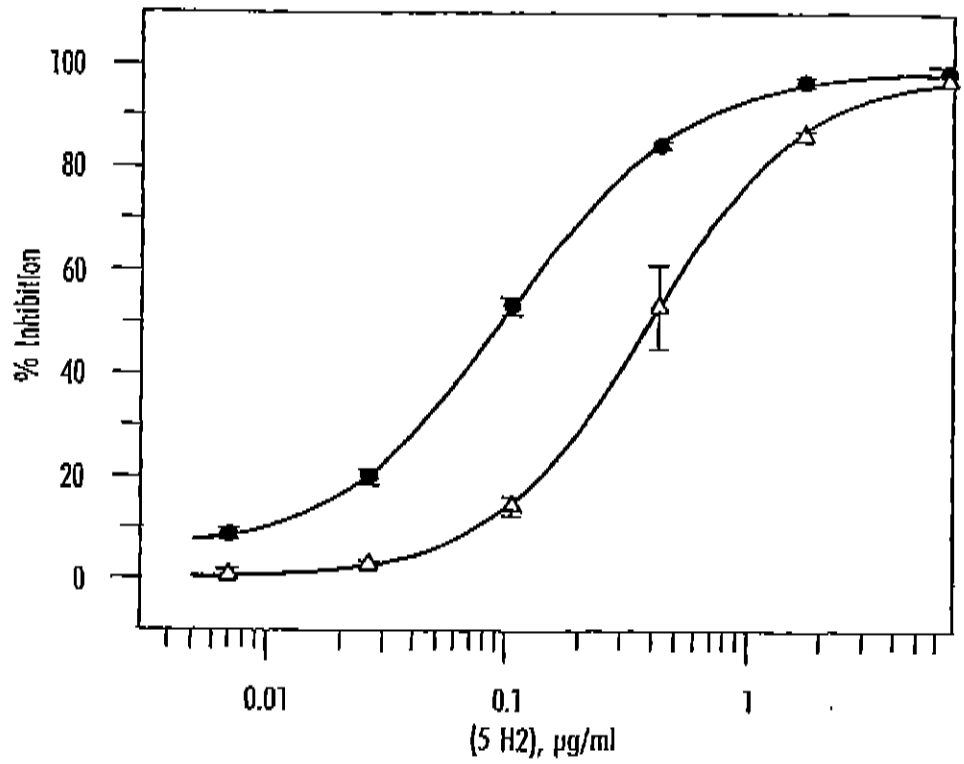

100
80
60
40
20
0
% Inhibition
0.01
0.1
1
(5 H2), µg/ml

Fig. 33

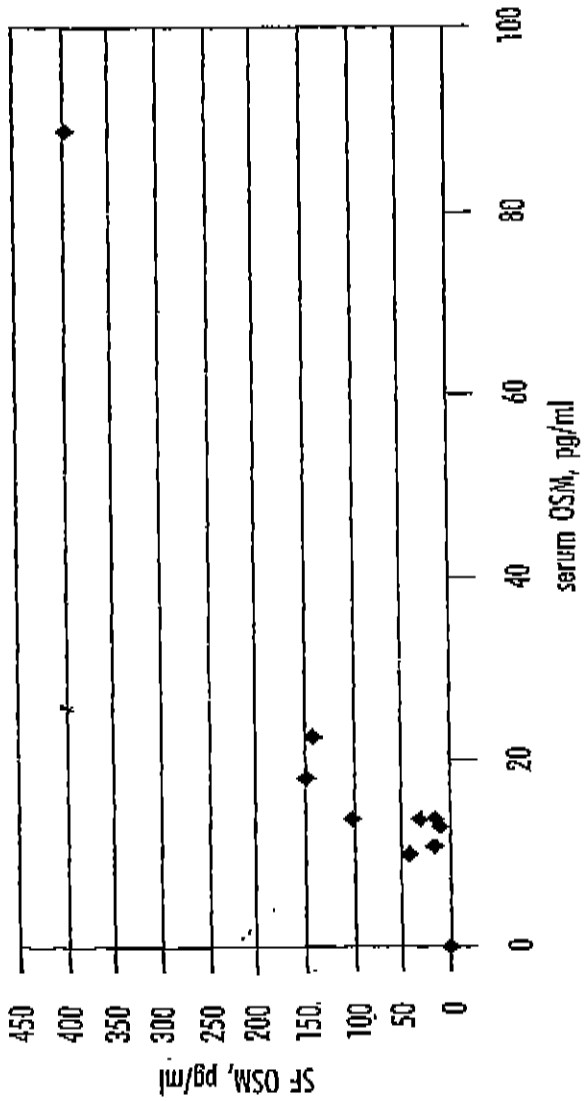
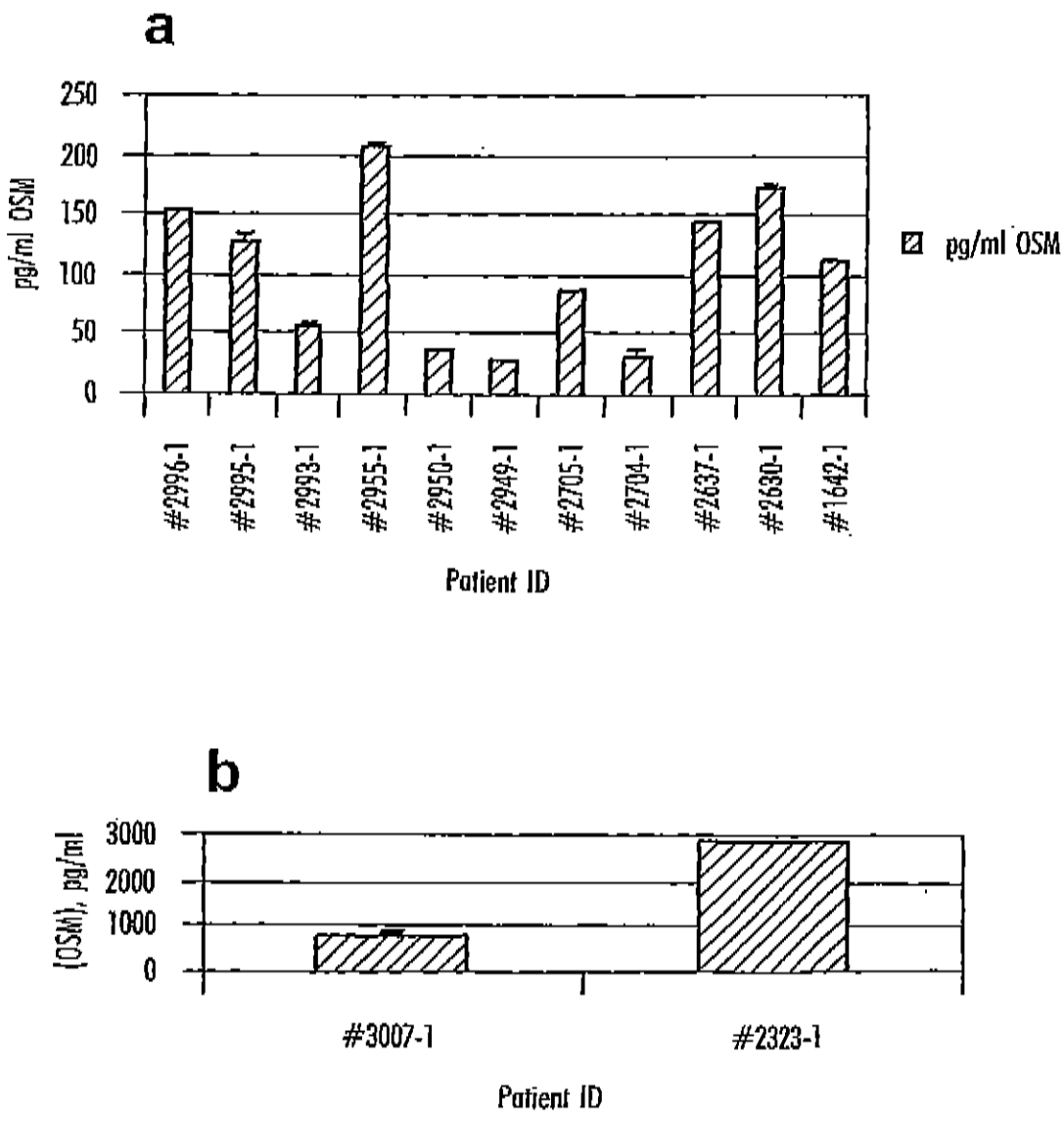

SF OSM, pg/ml
450
400
350
300
250
200
150
100
50
0
0
20
40
60
80
100
serum OSM, pg/ml

Fig. 34


a
250
200
150
100
50
0
pg/ml OSM
#2996-1
#2995-1
#2993-1
#2955-1
#2950-1
#2949-1
#2705-1
#2704-1
#2637-1
#2630-1
#1642-1
Patient ID
pg/ml OSM
b
3000
2000
1000
0
(OSM), pg/ml
#3007-1
#2323-1
Patient ID

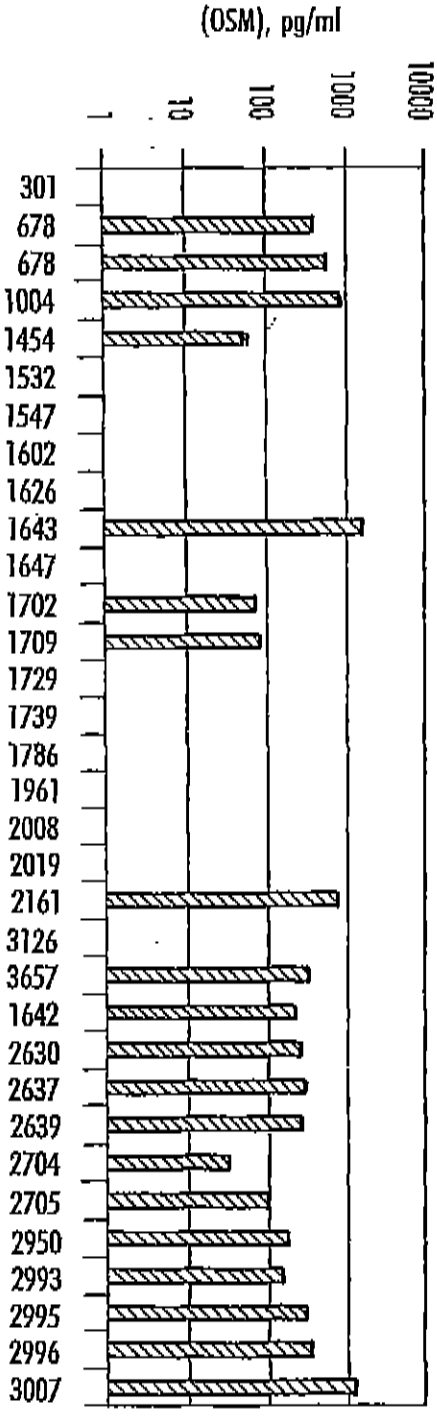

(OSM), pg/ml
1
10
100
1000
10000
301
678
678
1004
1454
1532
1547
1602
1626
1643
1647
1702
1709
1729
1739
1786
1961
2008
2019
2161
3126
3657
1642
2630
2637
2639
2704
2705
2950
2993
2995
2996
3007

Fig. 35

Fig. 36

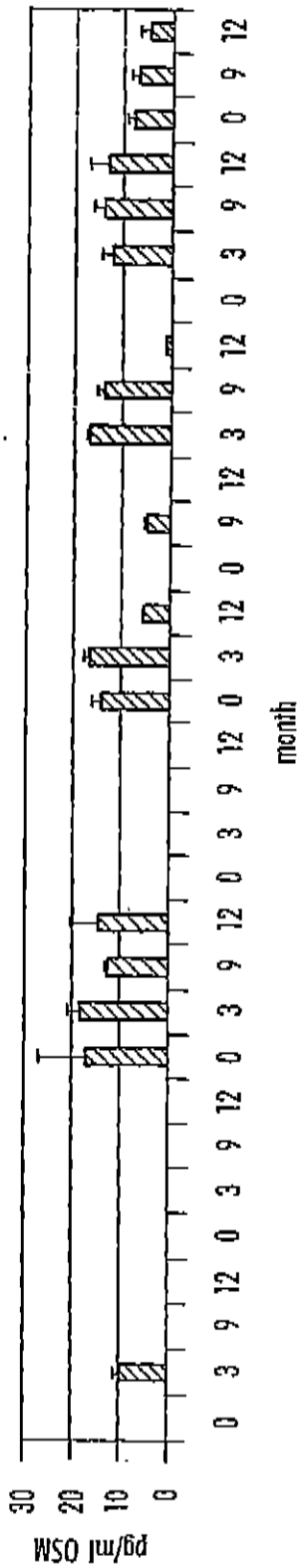

pg/ml OSM
30
20
10
0
0 3 9 12 0 3 9 12 0 3 9 12 0 3 9 12 0 3 9 12 0 3 9 12 0 3 9 12 0 3 9 12 0 3 9 12
month

Fig. 37

