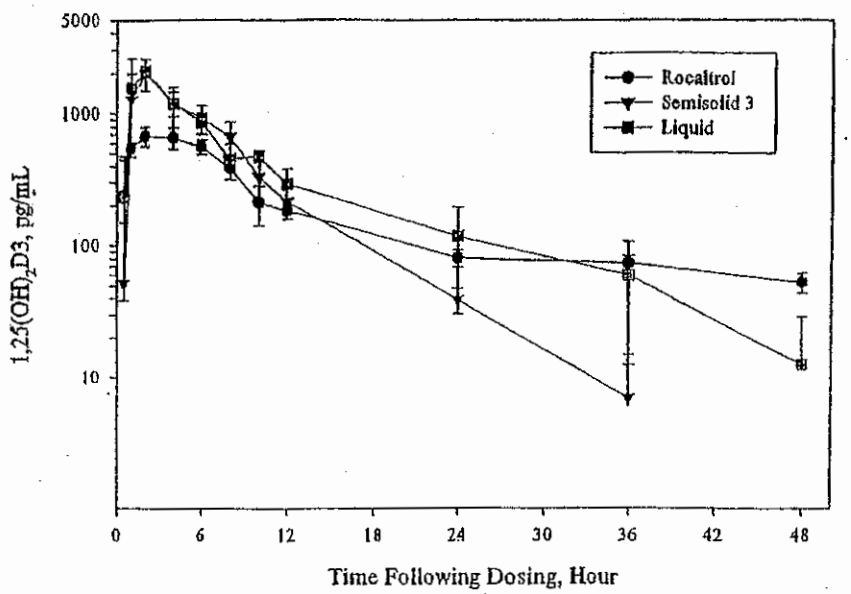
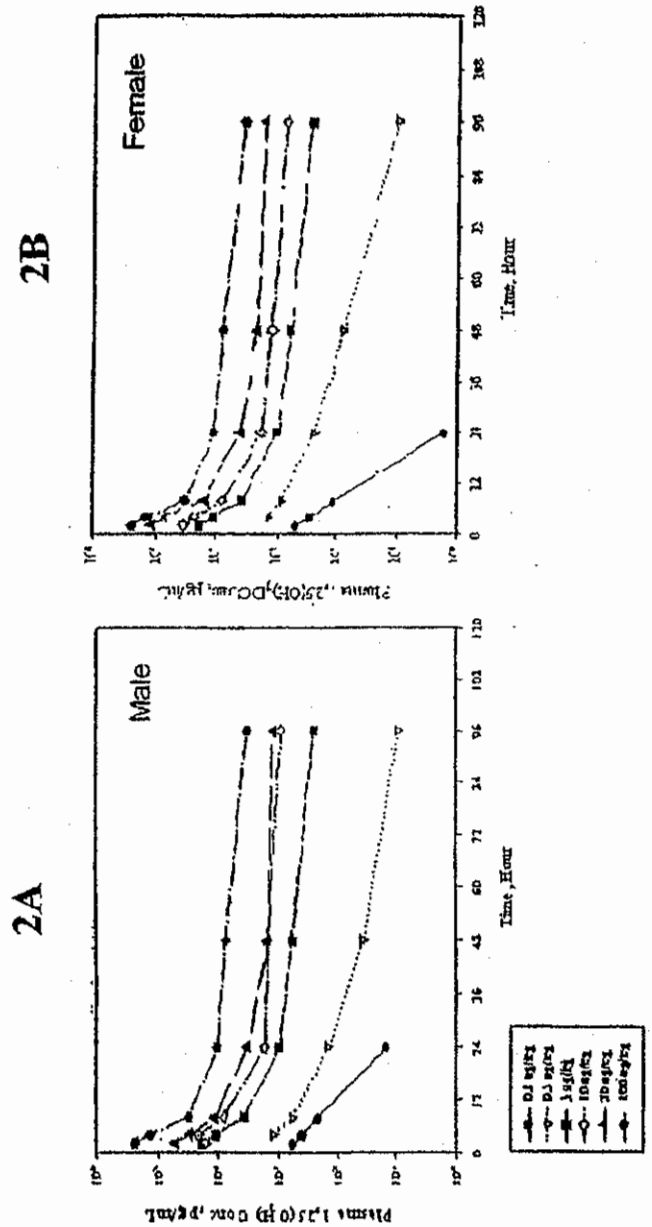
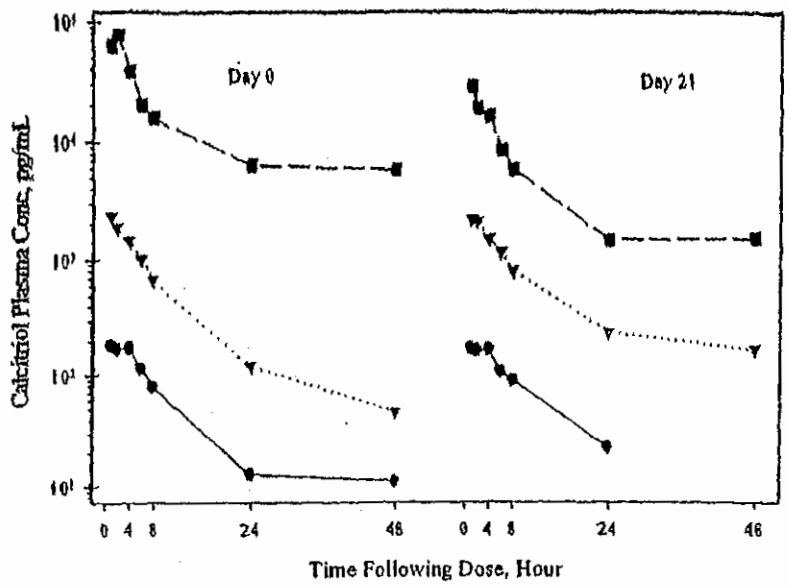
FIG. 1

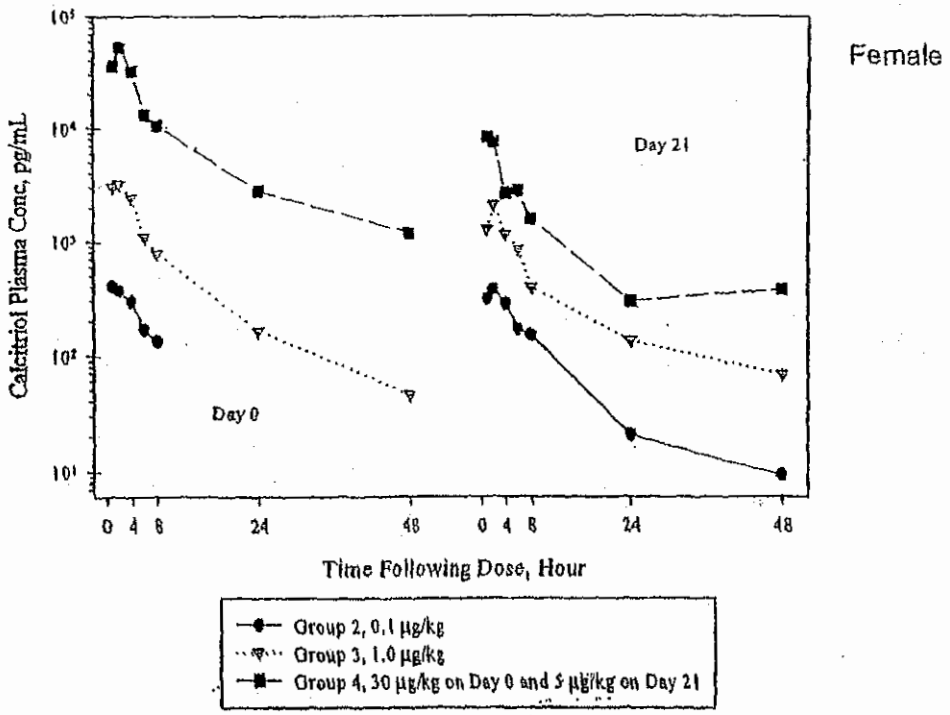

5000
1000
100
10
1,25(OH)2D3, pg/mL
0
6
12
18
24
30
36
42
48
Time Following Dosing, Hour
Rocaltrol
Semisolid 3
Liquid


2A
Male
Time, Hour
2B
Female
Time, Hour

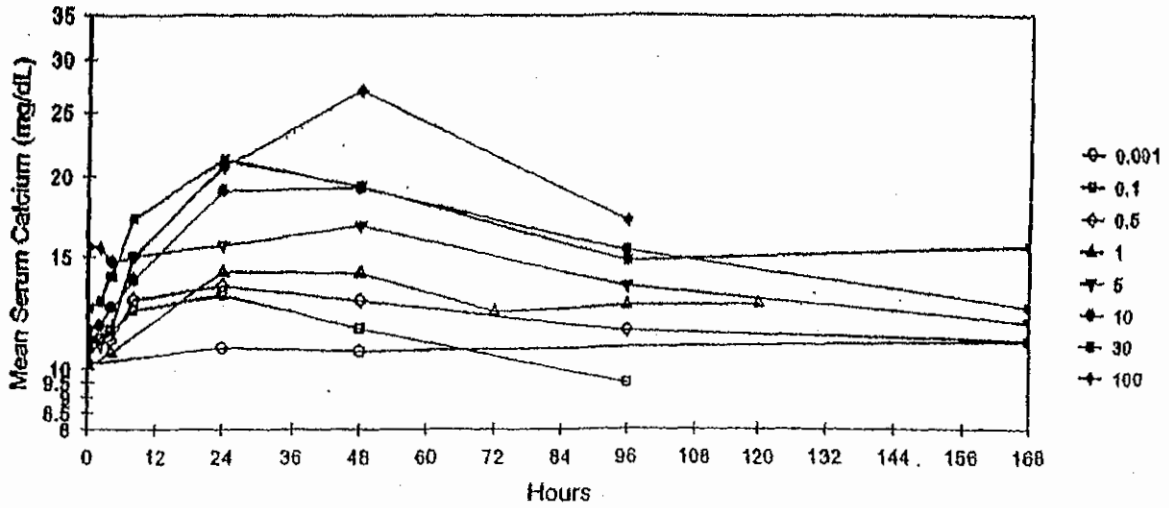
3A


Male
Day 0
Day 21
Calcitriol Plasma Conc, pg/mL
Time Following Dose, Hour
Group 2, 0.1 µg/kg
Group 3, 1.0 µg/kg
Group 4, 30 µg/kg on Day 0 and 10 µg/kg on Day 21

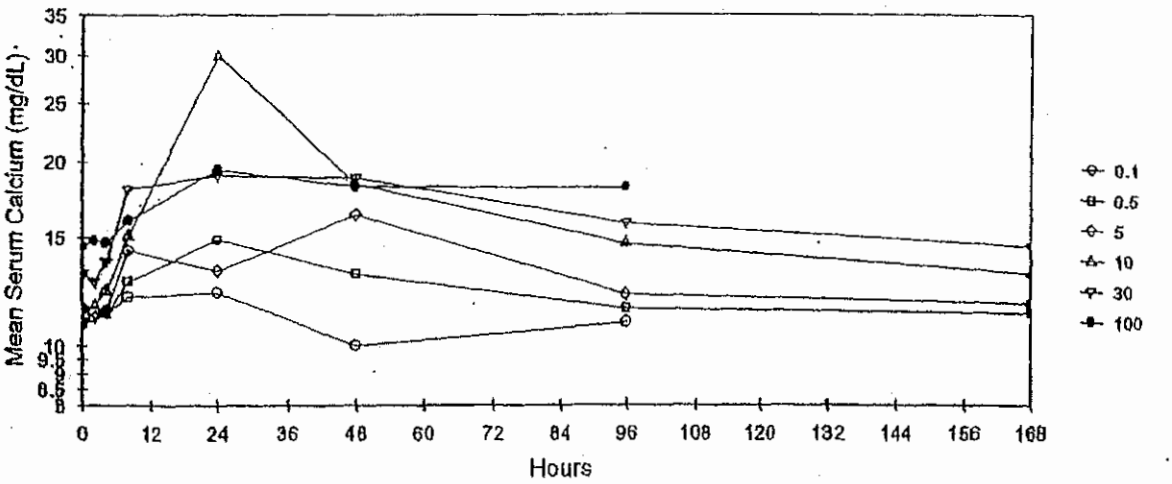
3B


Female
Day 21
Day 0
Calcitriol Plasma Conc, pg/mL
Time Following Dose, Hour
Group 2, 0.1 µg/kg
Group 3, 1.0 µg/kg
Group 4, 30 µg/kg on Day 0 and 5 µg/kg on Day 21

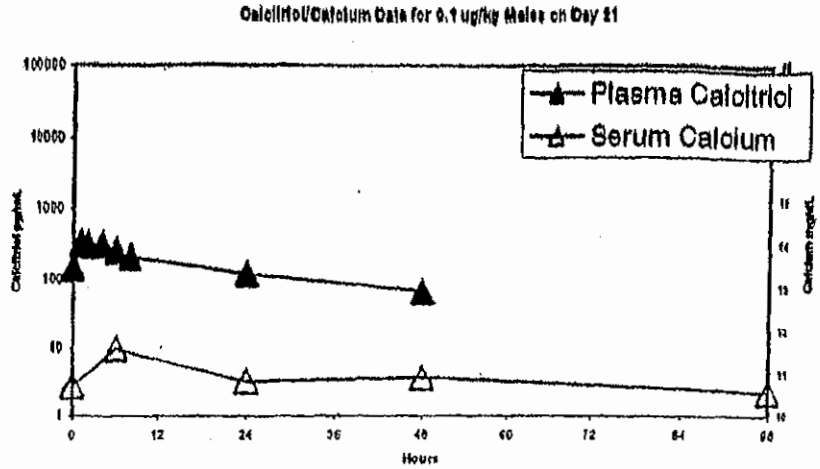
# 4A


Mean Serum Calcium (mg/dL)
35
30
25
20
15
10
9.5
9
8.5
8
0
12
24
36
48
60
72
84
96
108
120
132
144
156
168
Hours
0.001
0.1
0.5
1
5
10
30
100

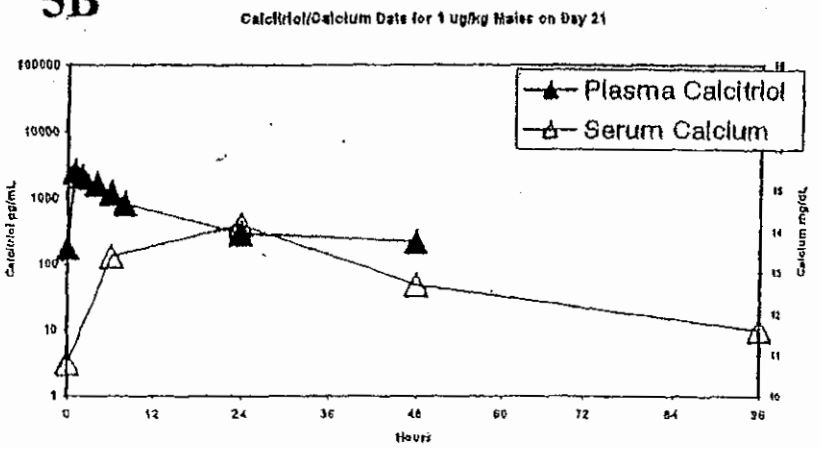
# 4B


Mean Serum Calcium (mg/dL)
35
30
25
20
15
10
9.5
9
8.5
8
0
12
24
36
48
60
72
84
96
108
120
132
144
156
168
Hours
0.1
0.5
5
10
30
100

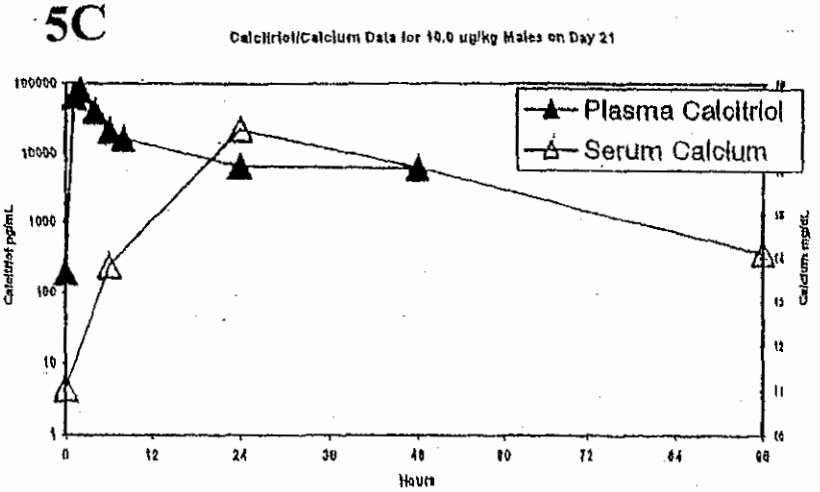
5A


Calcitriol/Calcium Data for 0.1 ug/kg Males on Day 21
Plasma Calcitriol
Serum Calcium
Hours

5B


Calcitriol/Calcium Data for 1 ug/kg Males on Day 21
Plasma Calcitriol
Serum Calcium
Hours

5C


Calcitriol/Calcium Data for 10.0 ug/kg Males on Day 21
Plasma Calcitriol
Serum Calcium
Hours

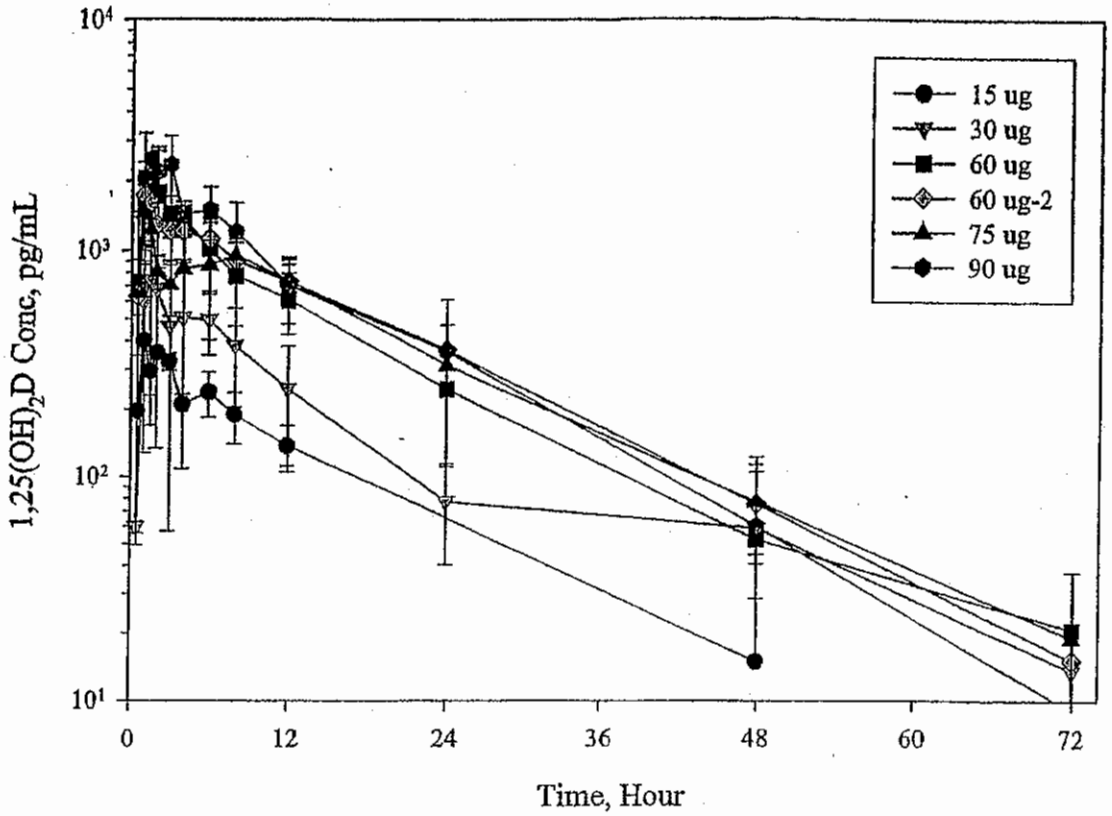

$10^4$
$10^3$
$10^2$
$10^1$
1,25(OH)$_2$D Conc, pg/mL
0
12
24
36
48
60
72
Time, Hour
15 ug
30 ug
60 ug
60 ug-2
75 ug
90 ug

FIG. 6