Figure 1

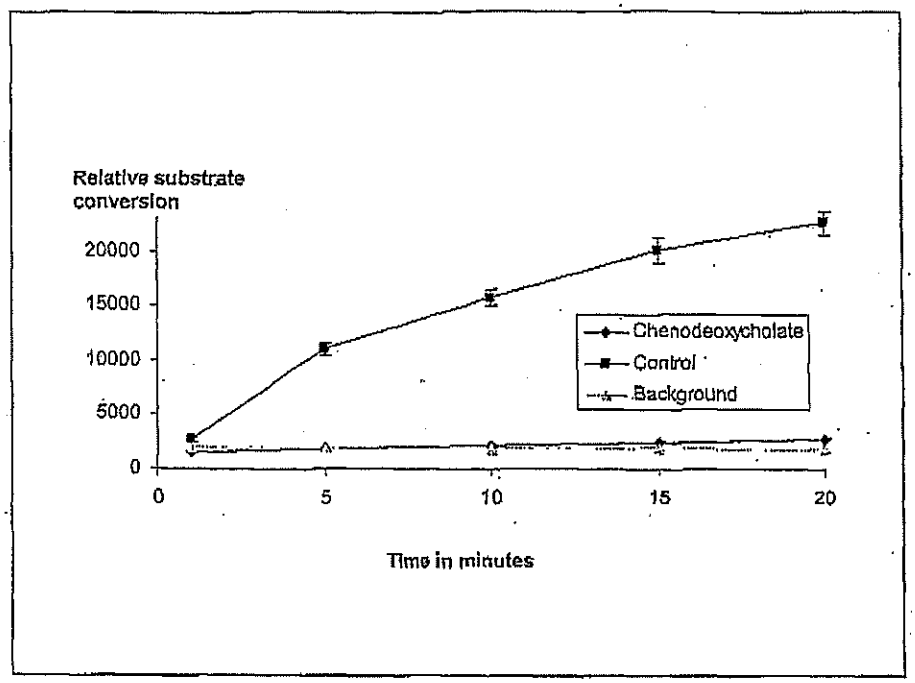

Relative substrate conversion
20000
15000
10000
5000
0
0
5
10
15
20
Time in minutes
Chenodeoxycholate
Control
Background

Figure 2

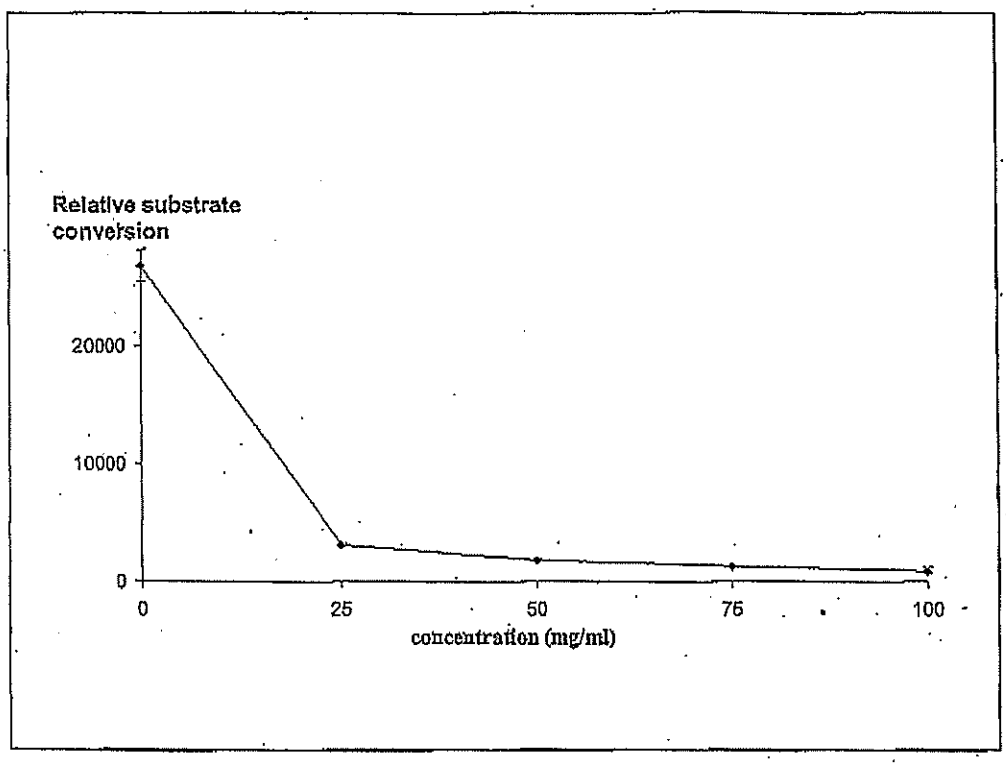

Relative substrate conversion
20000
10000
0
0
25
50
75
100
concentration (mg/ml)

Figure 3

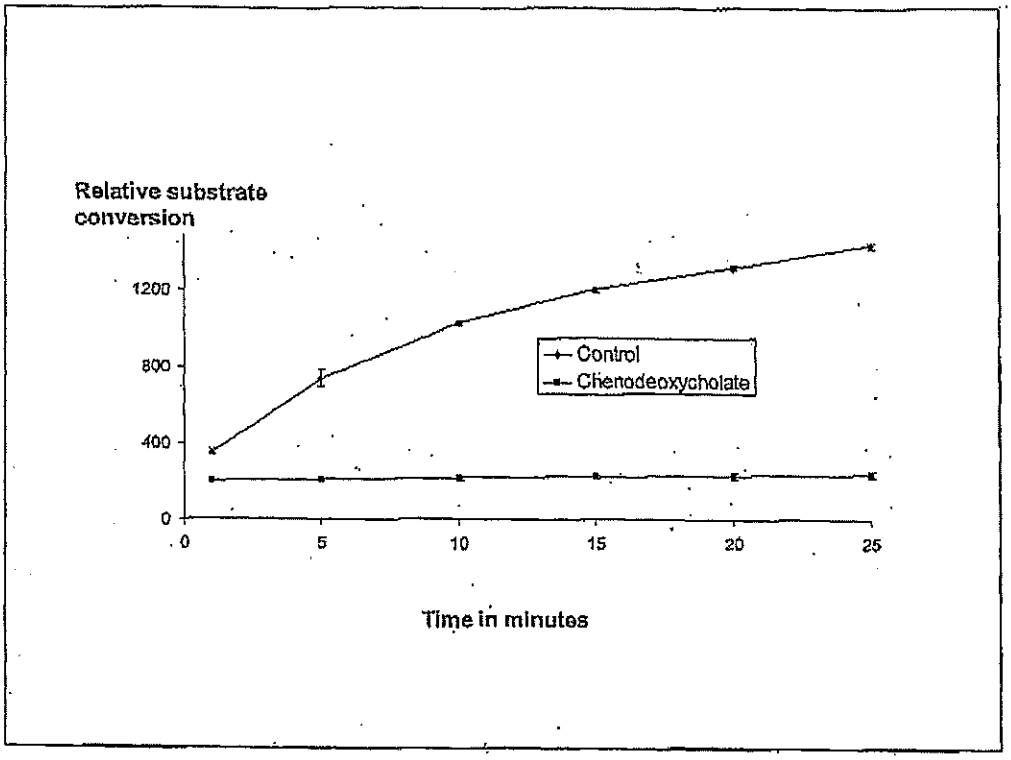

Relative substrate conversion
1200
800
400
0
0
5
10
15
20
25
Control
Chenodeoxycholate
Time in minutes

Figure 4

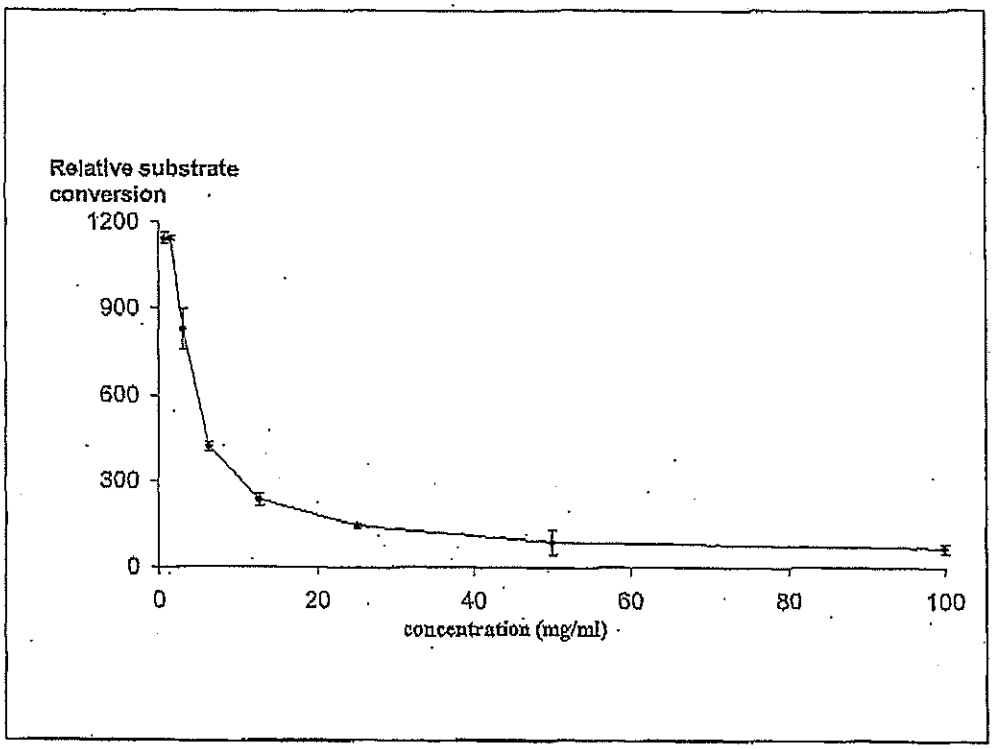

Relative substrate conversion
1200
900
600
300
0
0
20
40
60
80
100
concentration (mg/ml)

Figure 5

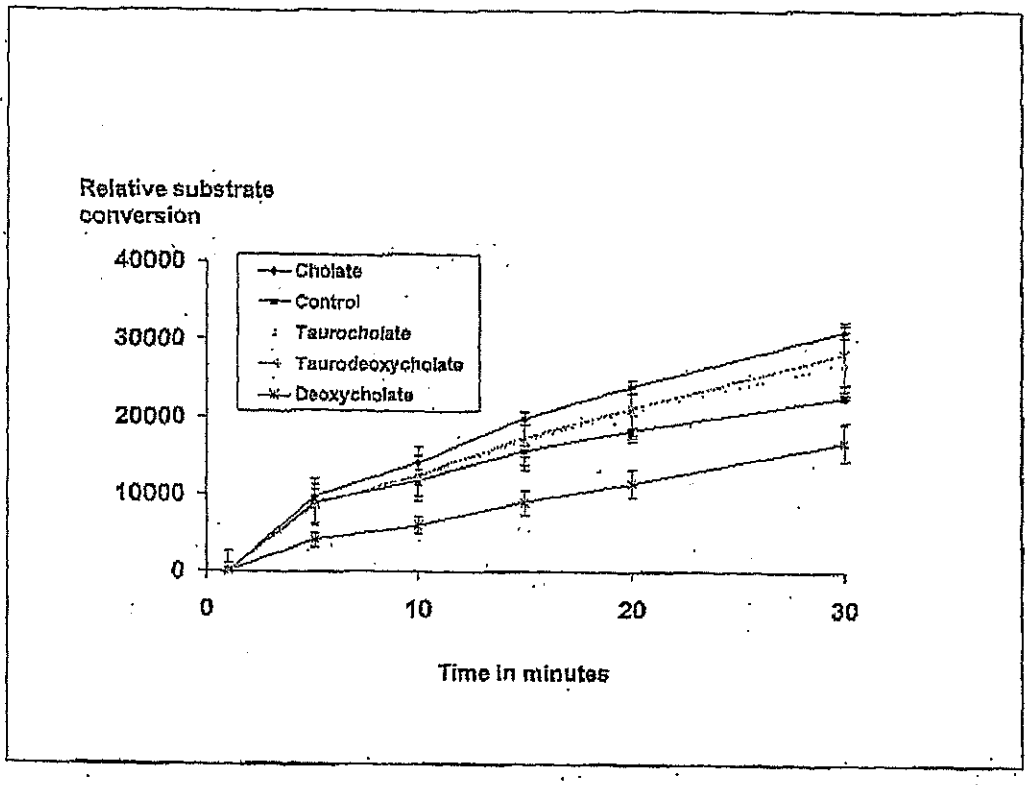

Relative substrate conversion
40000
30000
20000
10000
0
0
10
20
30
Time in minutes
Cholate
Control
Taurocholate
Taurodeoxycholate
Deoxycholate

Figure 6

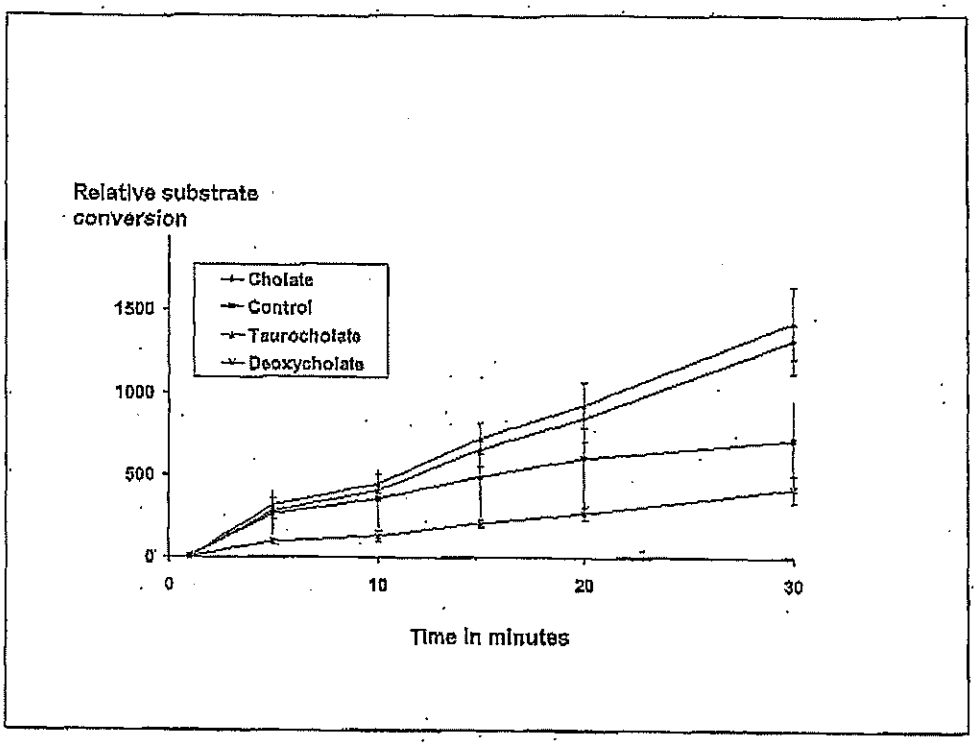

Relative substrate conversion
Cholate
Control
Taurocholate
Deoxycholate
1500
1000
500
0
0
10
20
30
Time in minutes

Figure 7

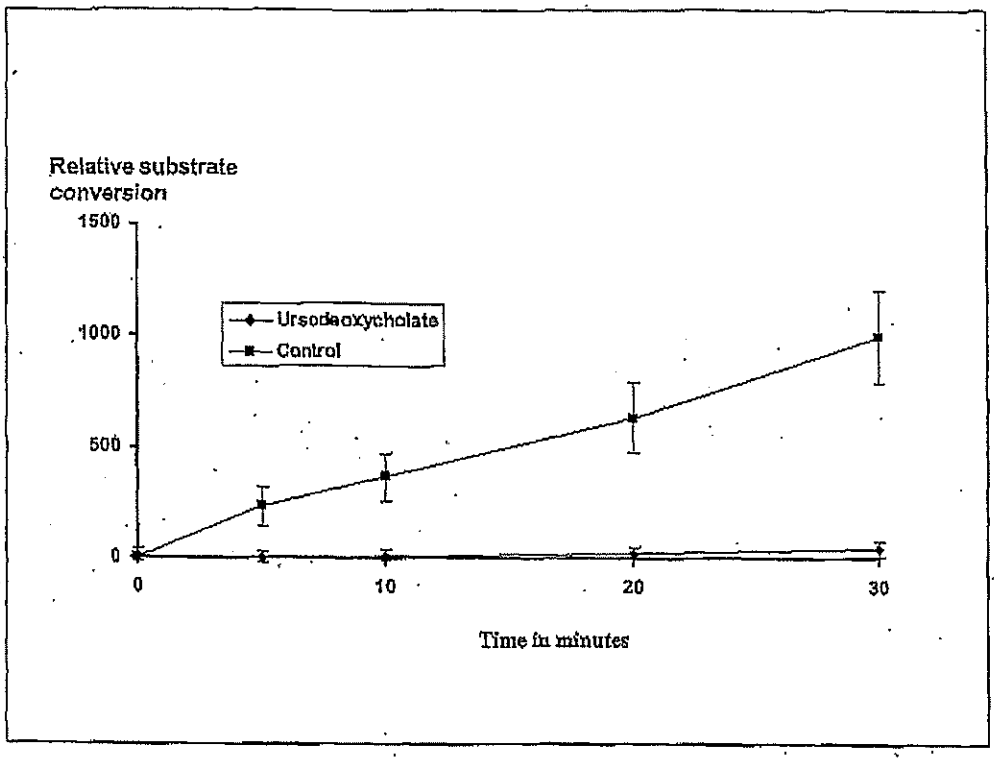

Relative substrate conversion
1500
1000
500
0
Ursodeoxycholate
Control
0
10
20
30
Time in minutes

Figure 8

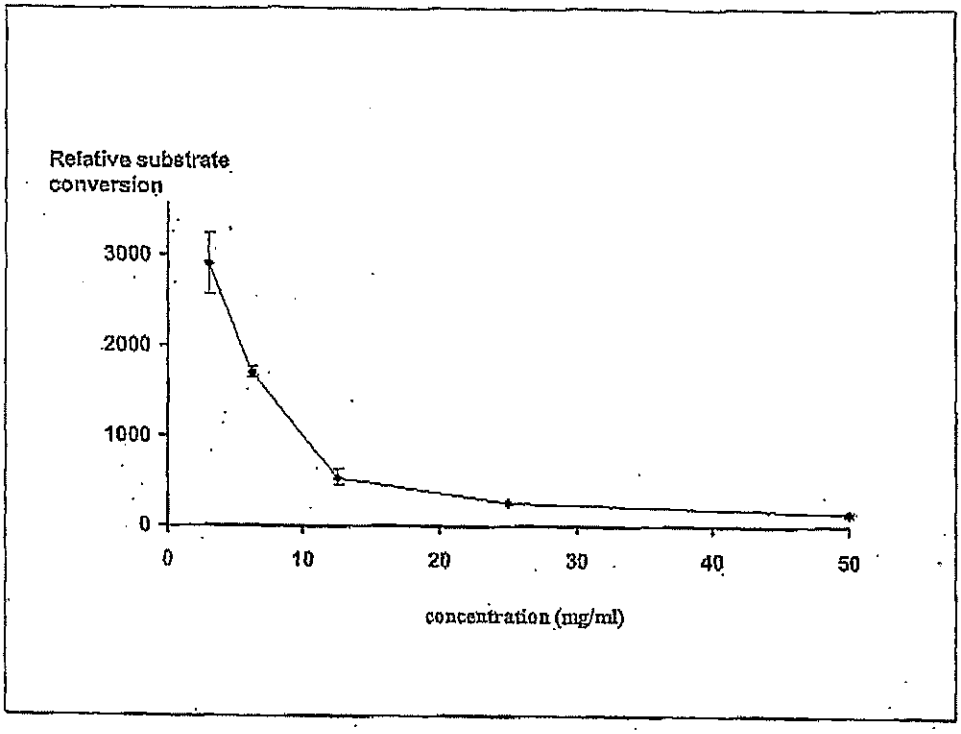

Relative substrate conversion
3000
2000
1000
0
0
10
20
30
40
50
concentration (mg/ml)

Figure 9

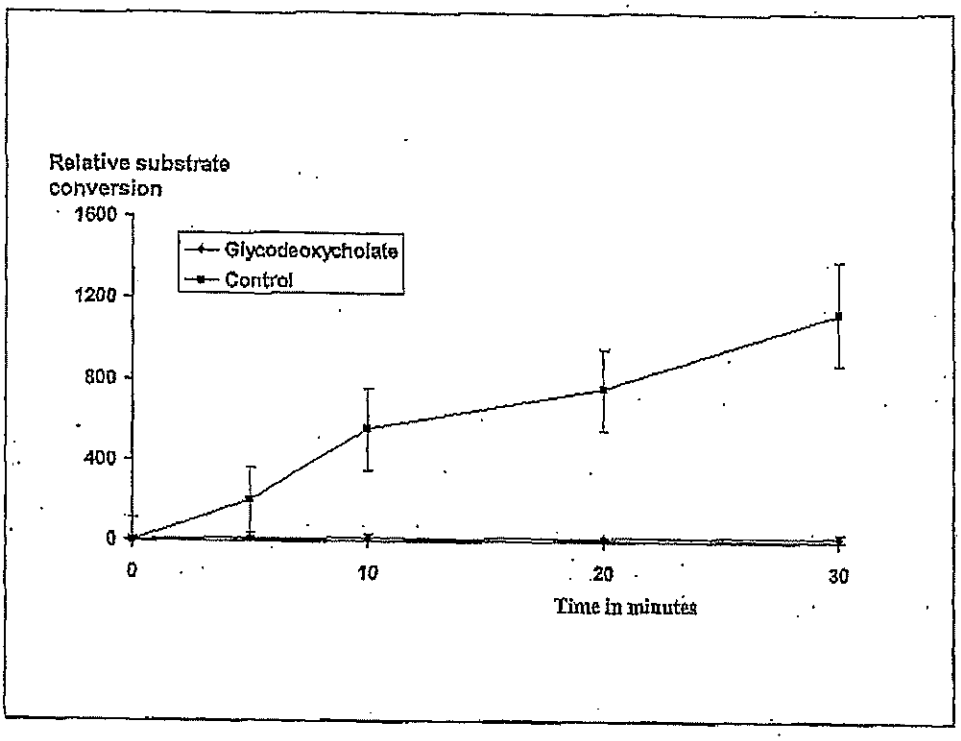

Relative substrate conversion
1600
1200
800
400
0
Glycodeoxycholate
Control
0
10
20
30
Time in minutes

Figure 10

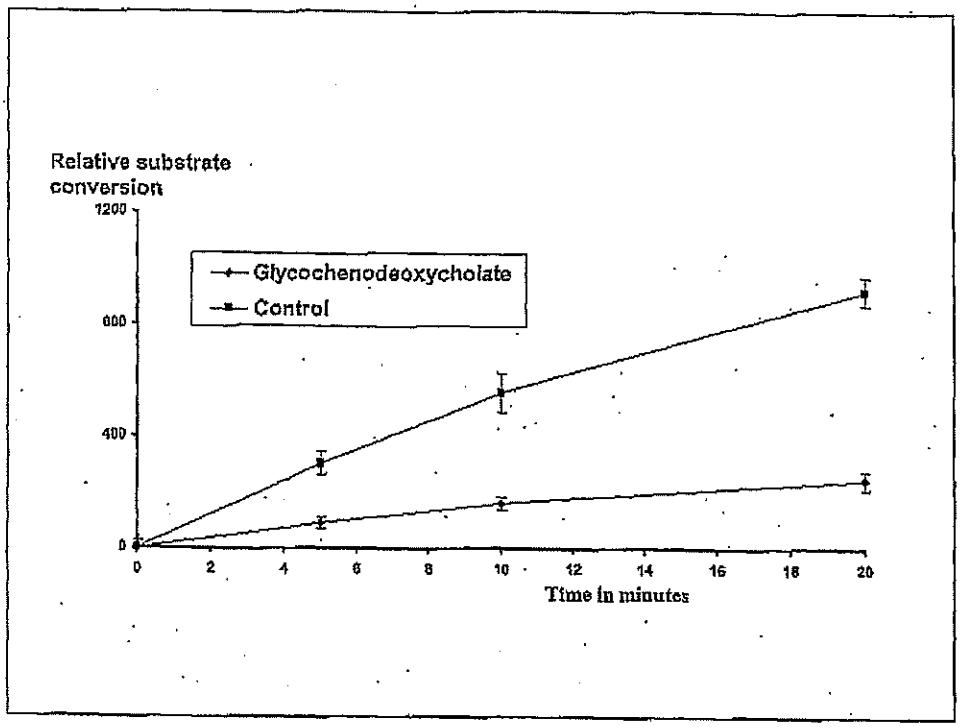

Relative substrate conversion
1200
800
400
0
Glycochenodeoxycholate
Control
0
2
4
6
8
10
12
14
16
18
20
Time in minutes

Figure 11

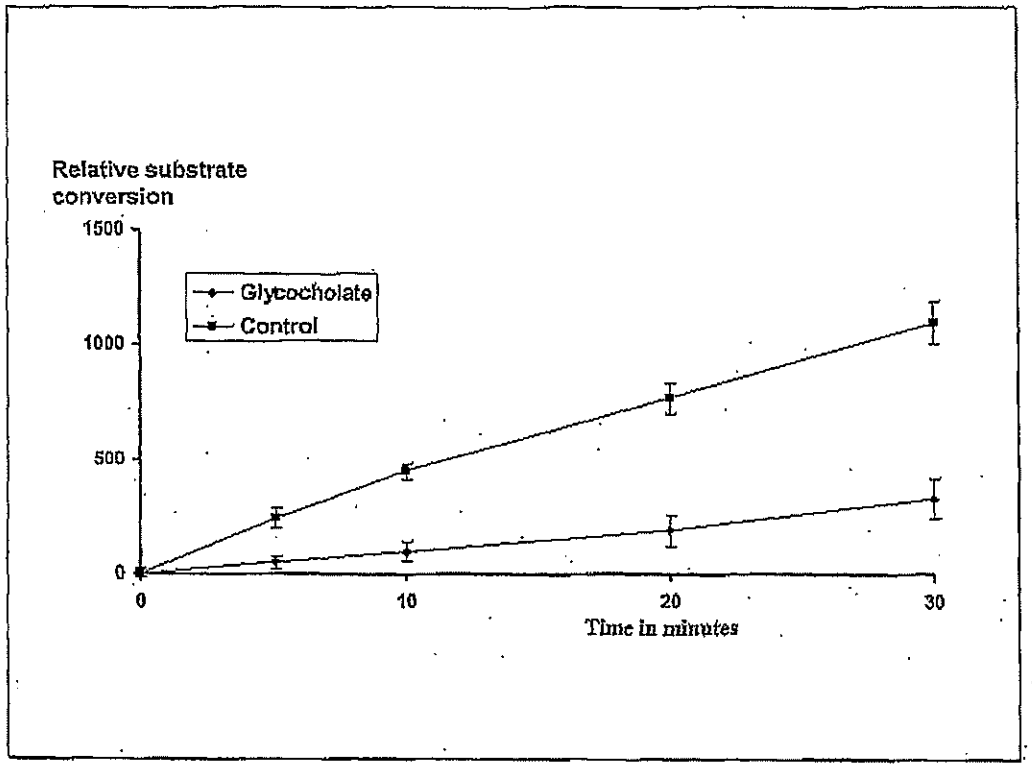

Relative substrate conversion
1500
1000
500
0
Glycocholate
Control
0
10
20
30
Time in minutes

Figure 12

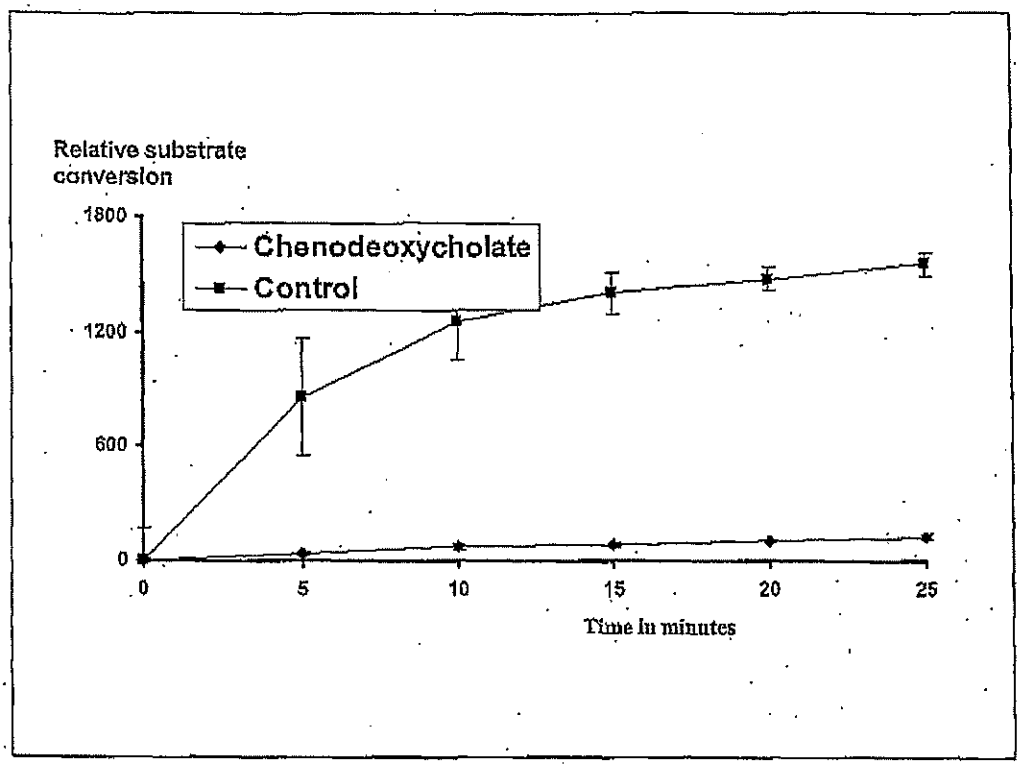

Relative substrate conversion
1800
1200
600
0
Chenodeoxycholate
Control
0
5
10
15
20
25
Time in minutes

Figure 13

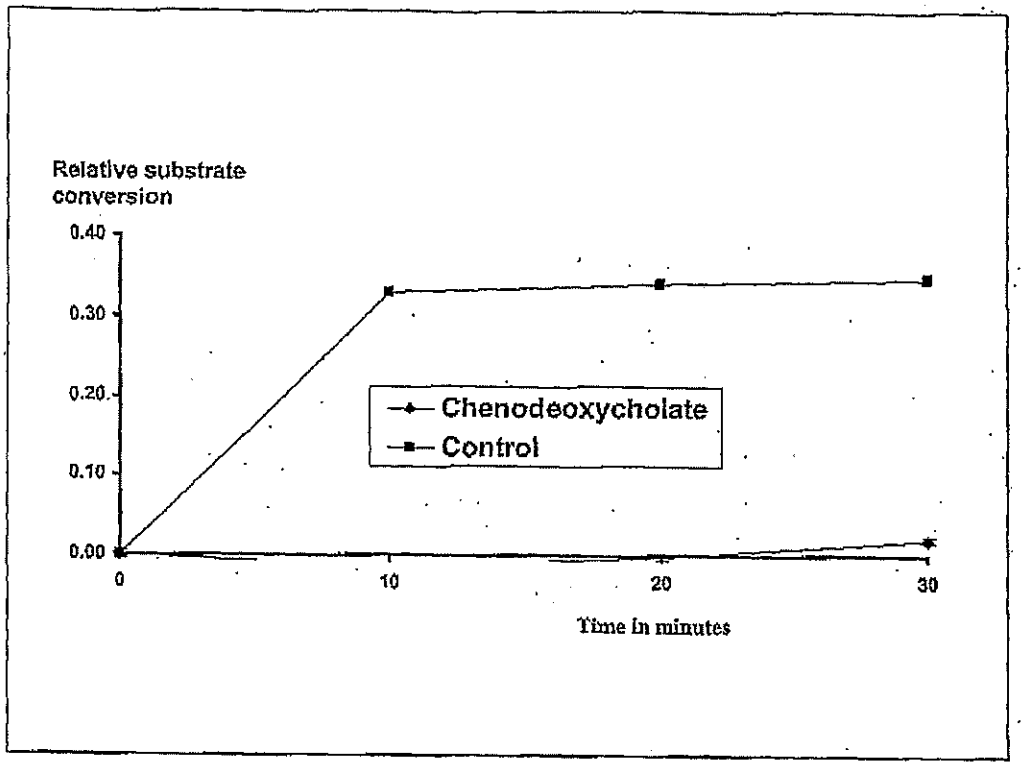

Relative substrate conversion
0.40
0.30
0.20
0.10
0.00
0
10
20
30
Time in minutes
Chenodeoxycholate
Control

Figure 14

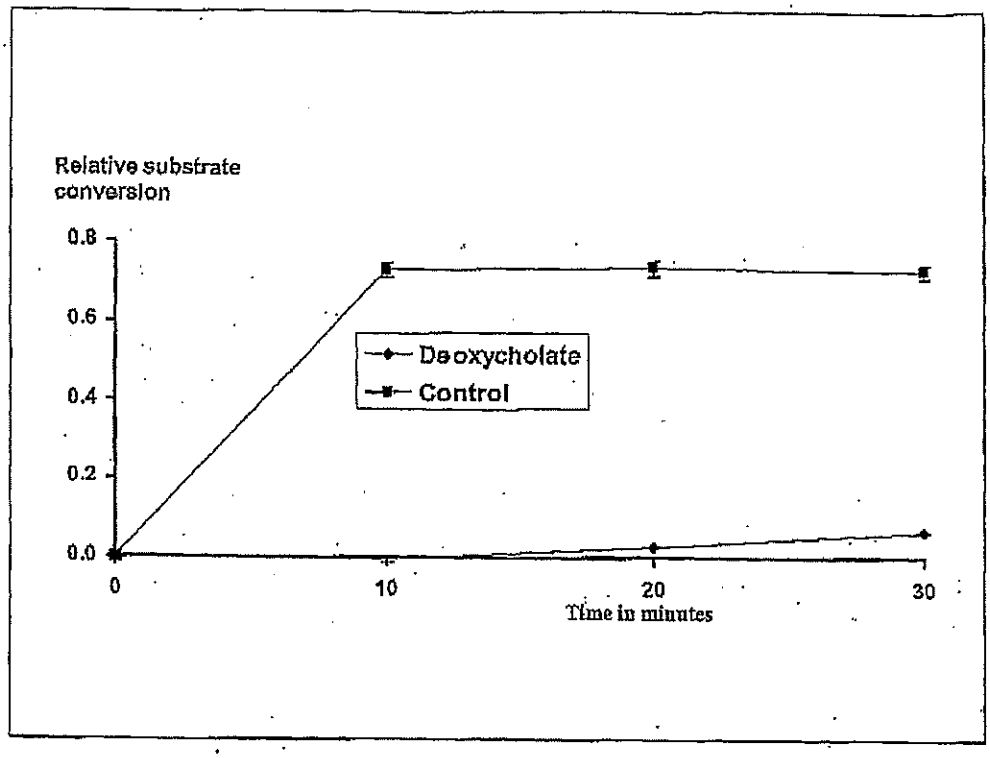

Relative substrate conversion
0.8
0.6
0.4
0.2
0.0
0
10
20
30
Time in minutes
Deoxycholate
Control

Figure 15

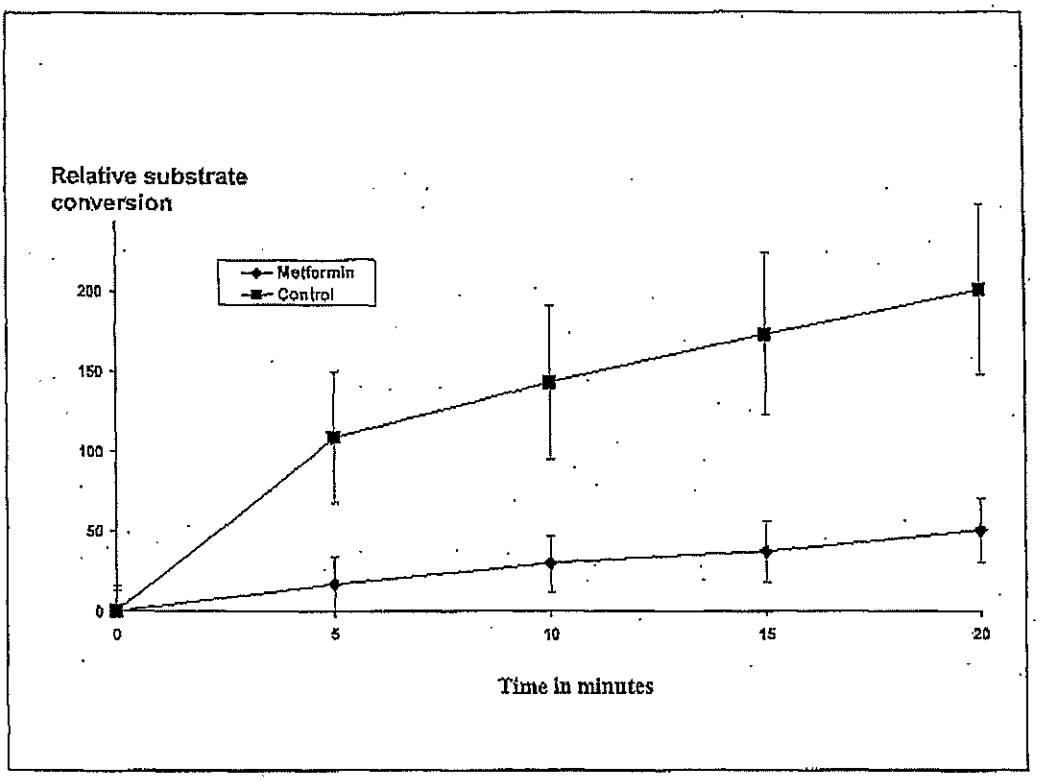
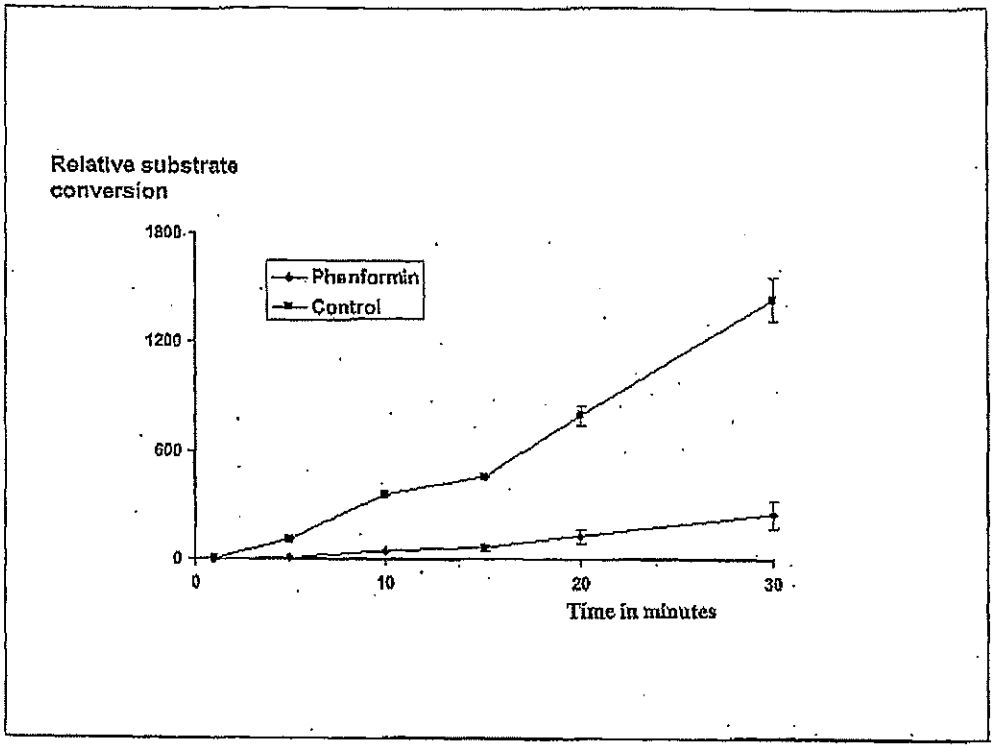

Relative substrate conversion
Metformin
Control
200
150
100
50
0
0
5
10
15
20
Time in minutes

Figure 16


Relative substrate conversion
1800
1200
600
0
Phenformin
Control
0
10
20
30
Time in minutes