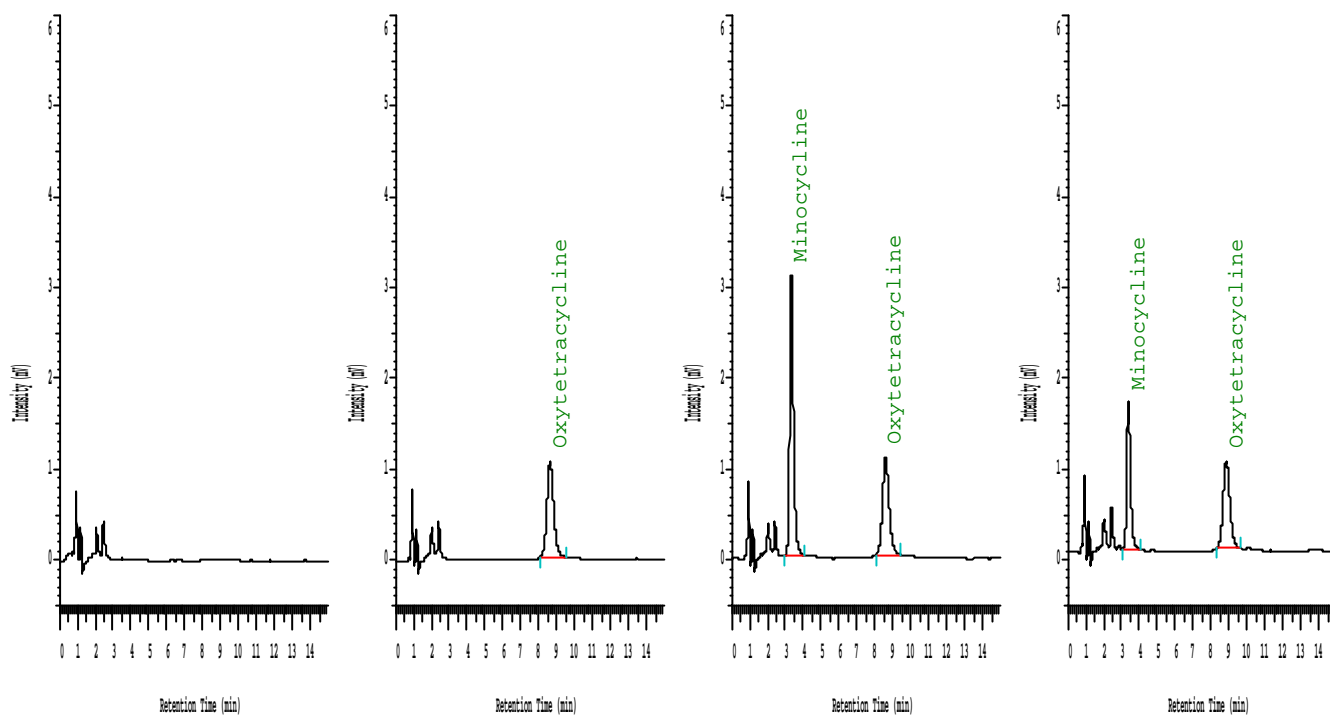


圖 1 血清中 Minocycline hydrochloride 之高效液相層析圖



(1)

(2)

(3)

(4)

(1). 空白血清

(2). 在空白血清中之 Internal Standard (Oxytetracycline)

(3). 在空白血清中之 Minocycline hydrochloride 與 Internal Standard (Oxytetracycline)

(4). Subject A 服用 Mioncin 後第 1.0 小時之血清檢品

圖 2 Minocin 及 Borymycin 在不同溶媒之溶離試驗曲線圖

圖 2-1 在 0.1N HCl 溶離液

Dissolution profile of Minocycline hydrochloride

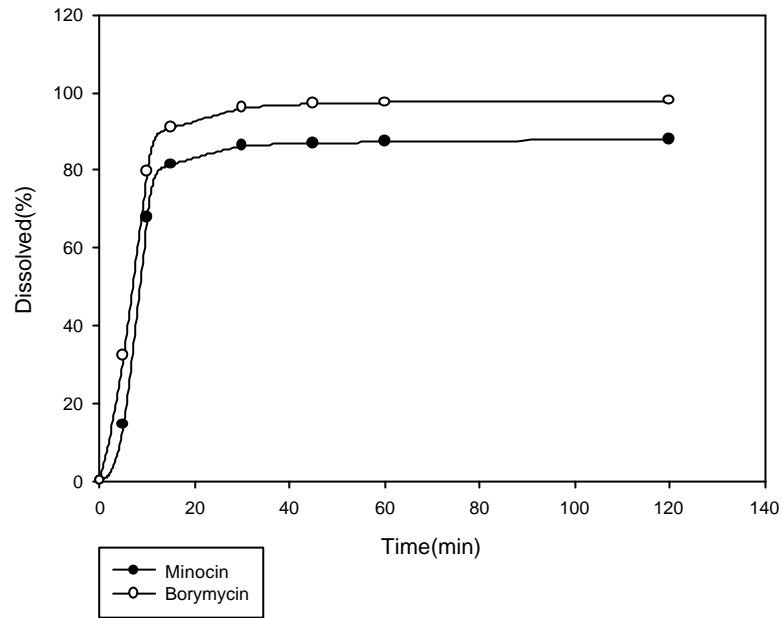


圖 2-2 在 pH 4.5 溶離液

Dissolution profile of Minocycline hydrochloride

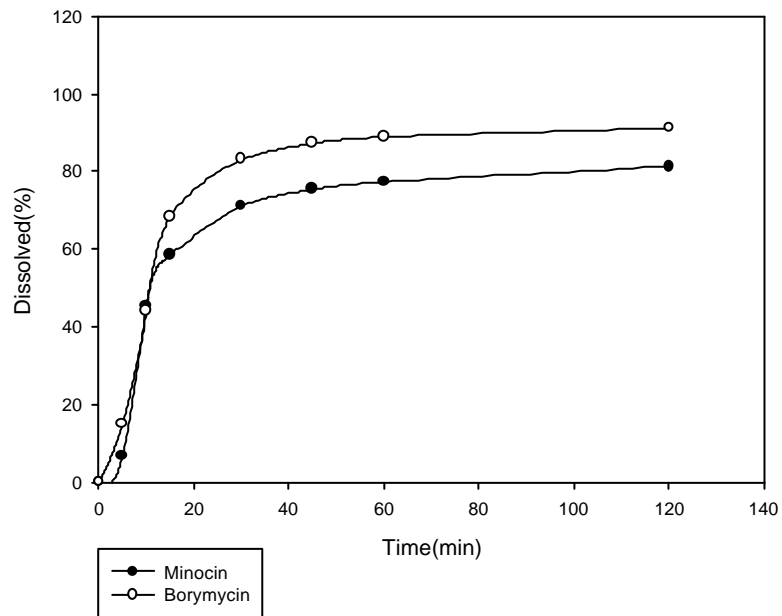


圖 2-3 在 pH 6.8 溶離液

Dissolution profile of Minocycline hydrochloride

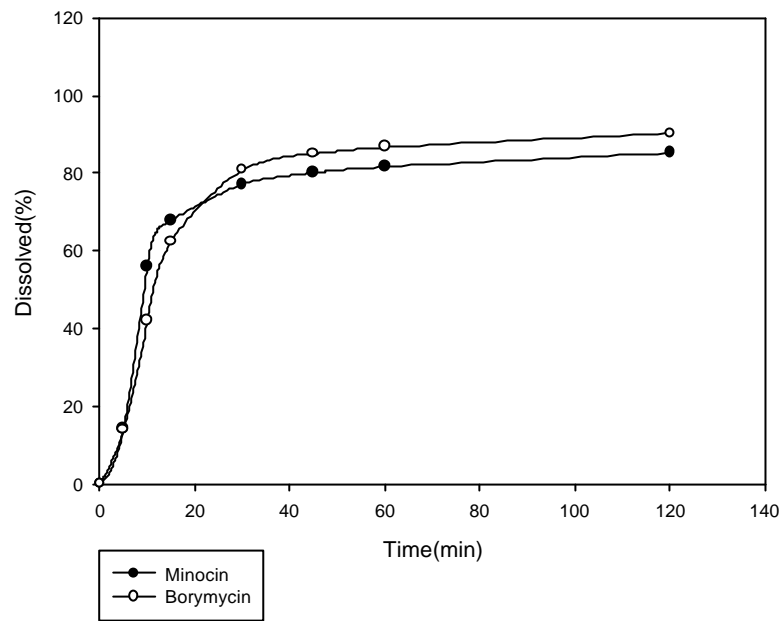


圖 3 標準曲線

圖 3-1 HPLC 定量法之標準血清檢品濃度曲線

Calibration Curve of Minocycline Hydrochloride
 $y=0.652098x-0.02655$ $r^2=0.9998$

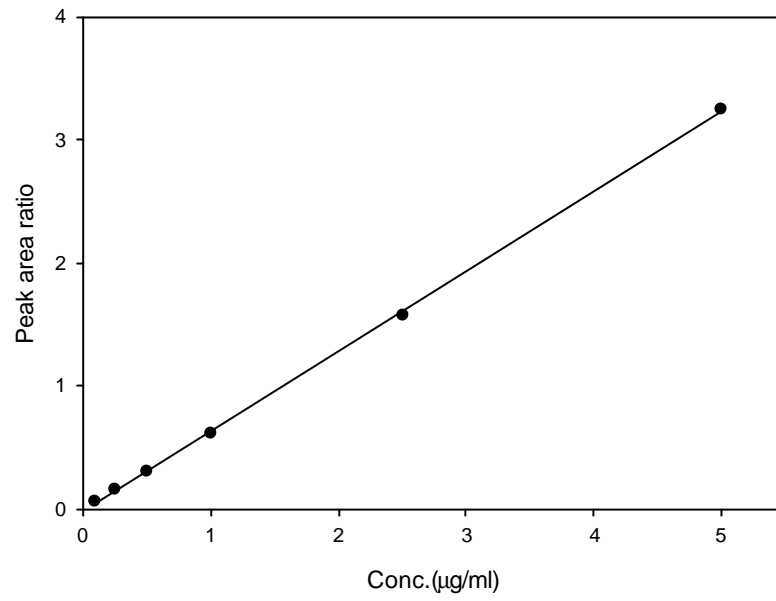
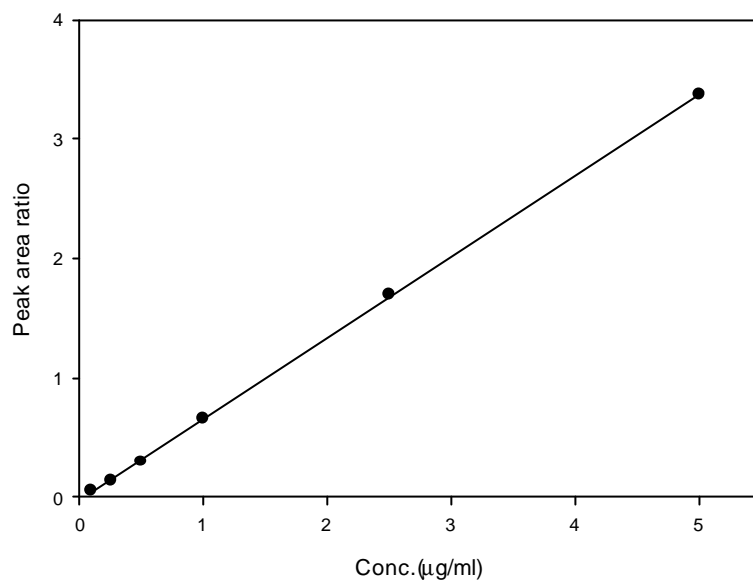
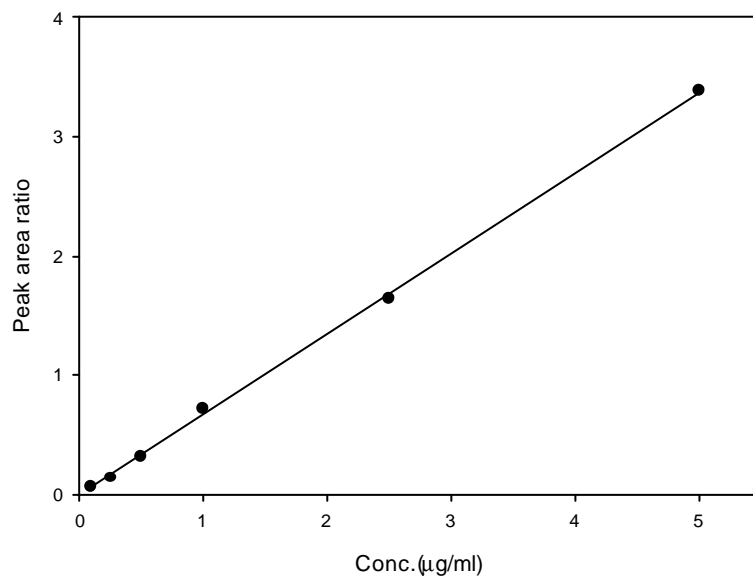


圖 3-2 Minocin 與 Borymycin 生體可用率比較之個別標準曲線

Subject A
 $y=0.680672x-0.02528$

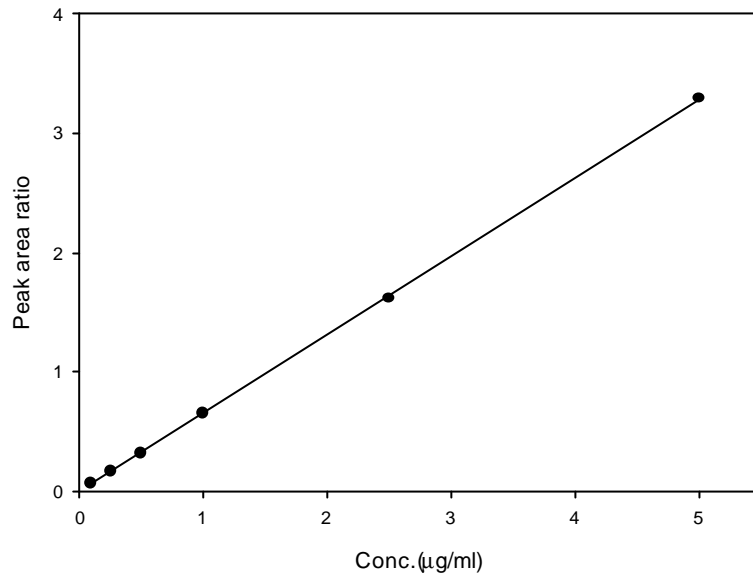


Subject B
 $y=0.676673x-0.01643$ $r^2=0.9993$



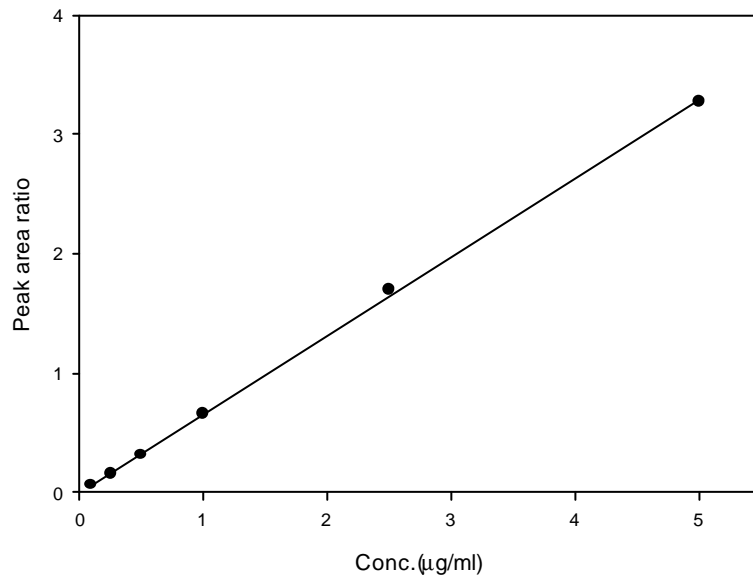
Subject C

$$y=0.658131x-0.01149 \quad r^2=0.9998$$

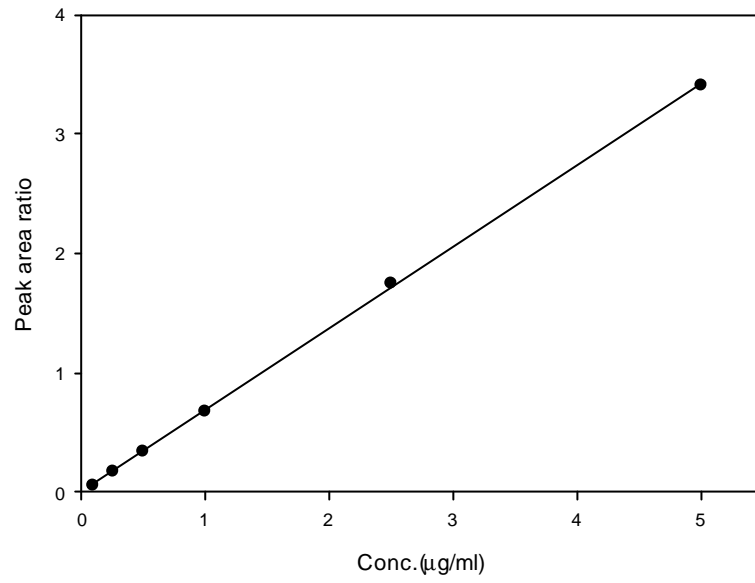


Subject D

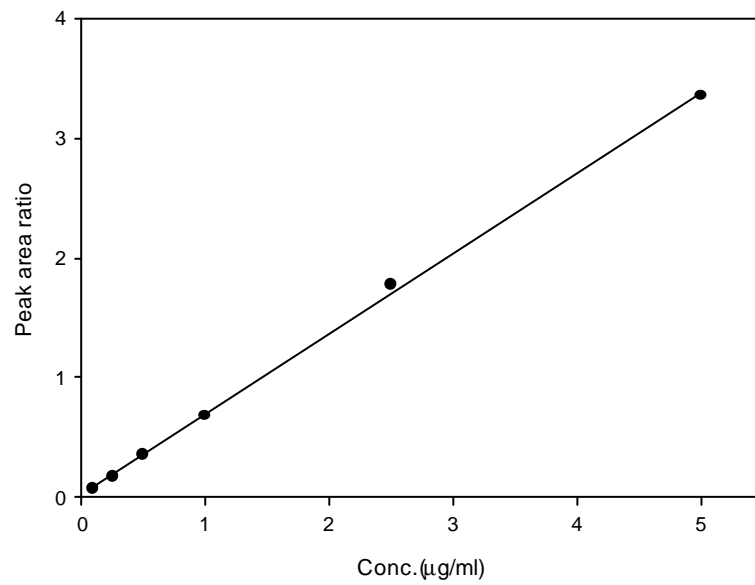
$$y=0.659594x-0.00085 \quad r^2=0.9996$$



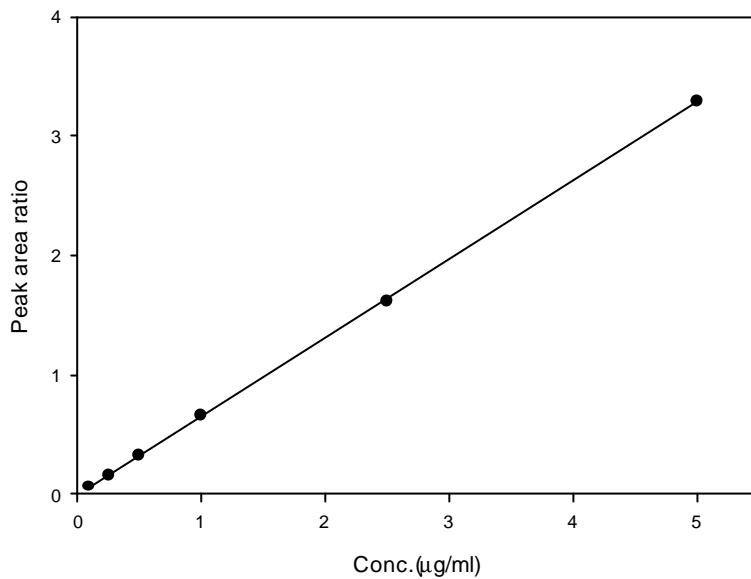
Subject E
 $y=0.68366x+0.002431$ $r^2=0.9997$



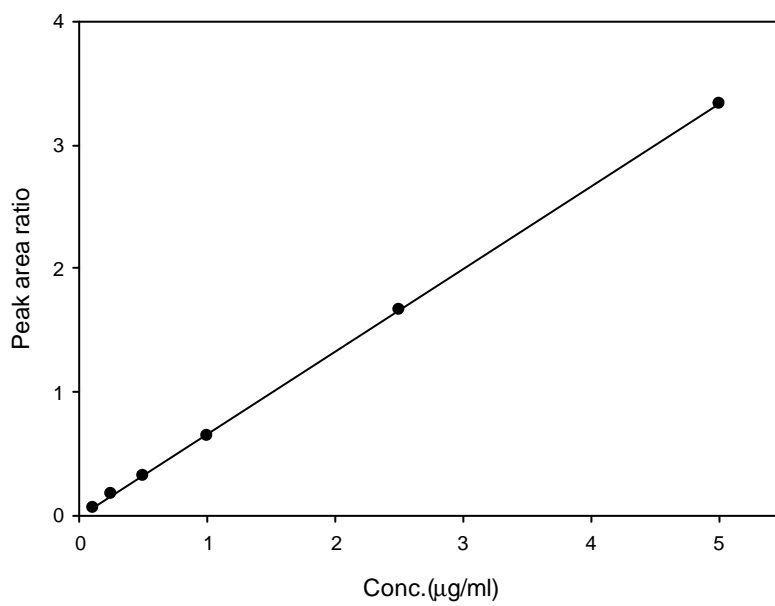
Subject F
 $y=0.673998x+0.015586$ $r^2=0.9992$



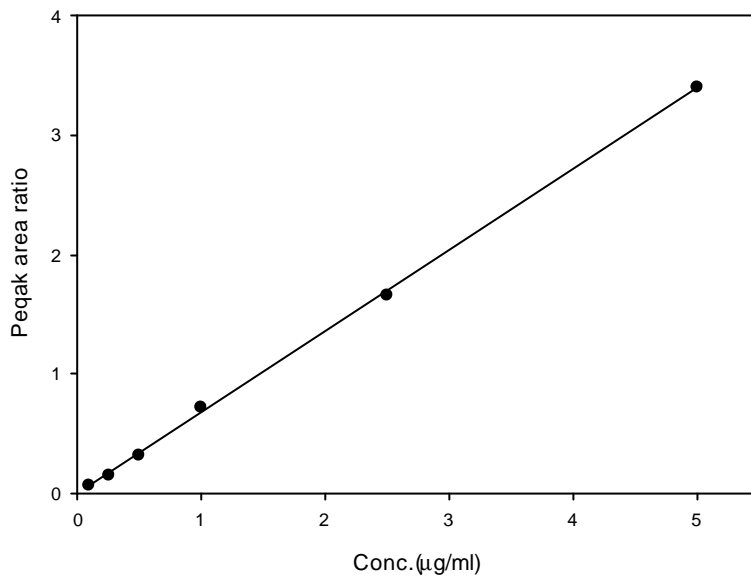
Subject G
 $y=0.657087x-0.00396$ $r^2=0.9998$



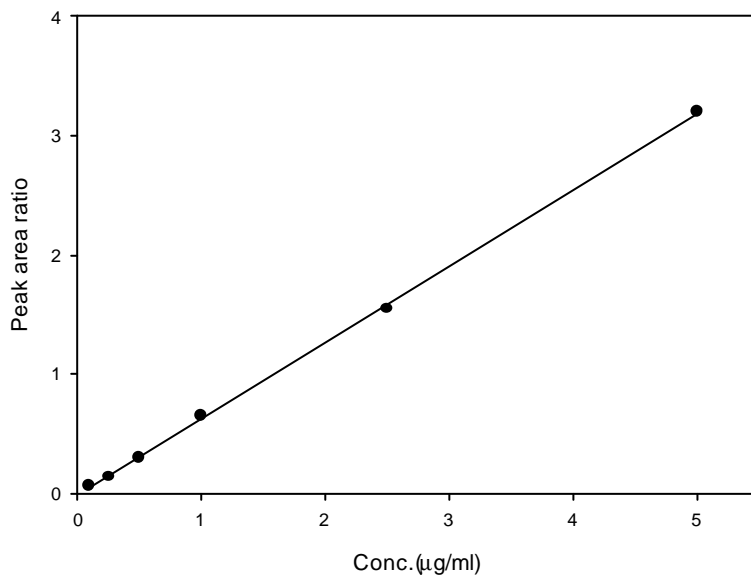
Subject H
 $y=0.667891x-0.00607$ $r^2=0.9999$



Subject I
 $y=0.68174x-0.01386$ $r^2=0.9994$

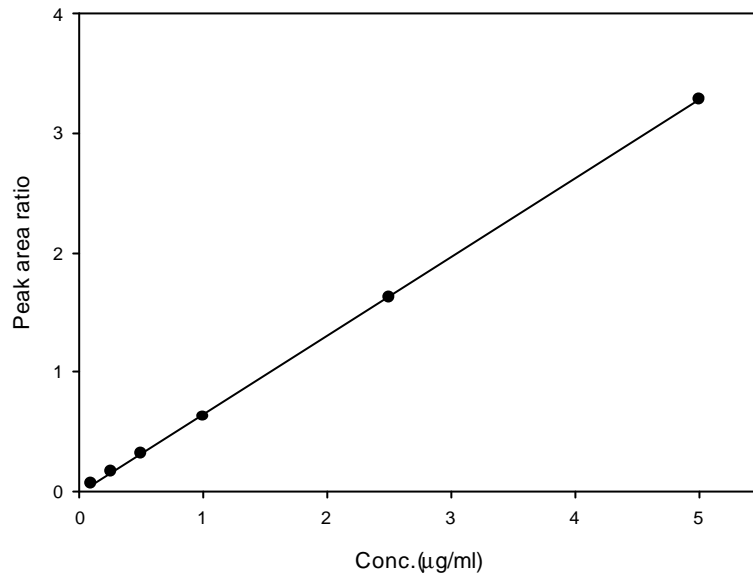


Subject J
 $y=0.64093x-0.01815$ $r^2=0.9996$



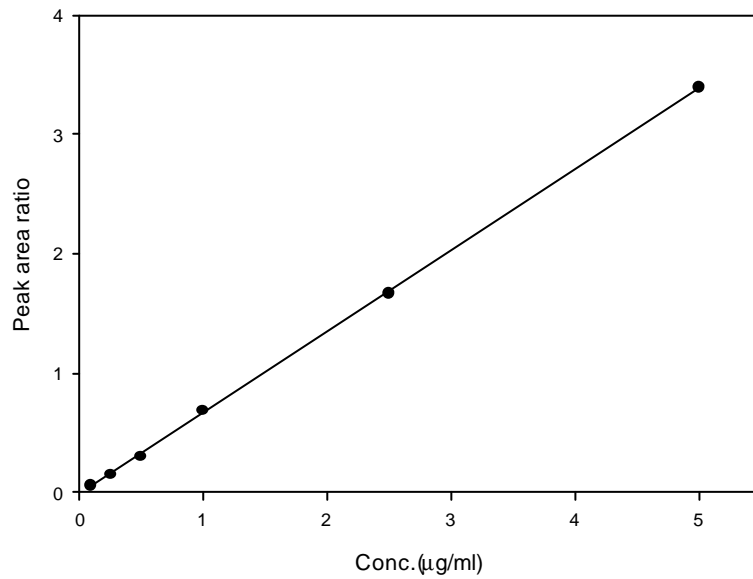
Subject K

$$y=0.659566x-0.0198 \quad r^2=0.9998$$

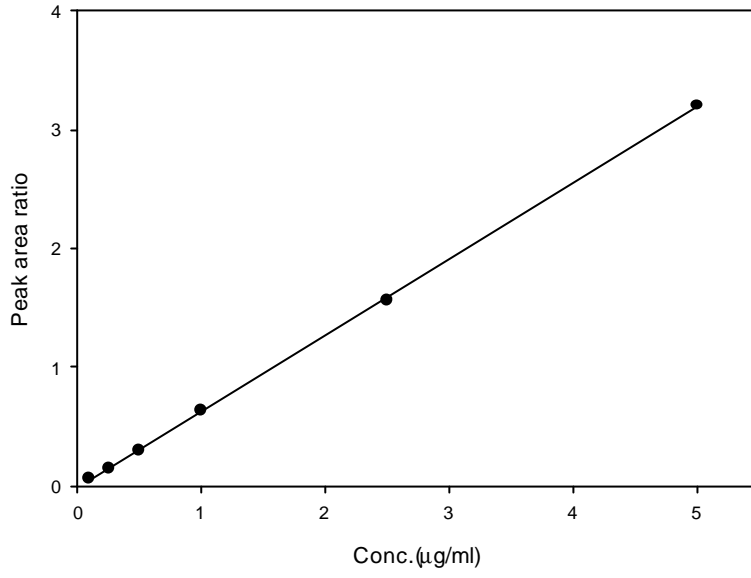


Subject L

$$y=0.681043x-0.01968 \quad r^2=0.9998$$



Subject M
 $y=0.641563x-0.01665$ $r^2=0.9998$



Subject N
 $y=0.649663x-0.02503$ $r^2=0.9998$

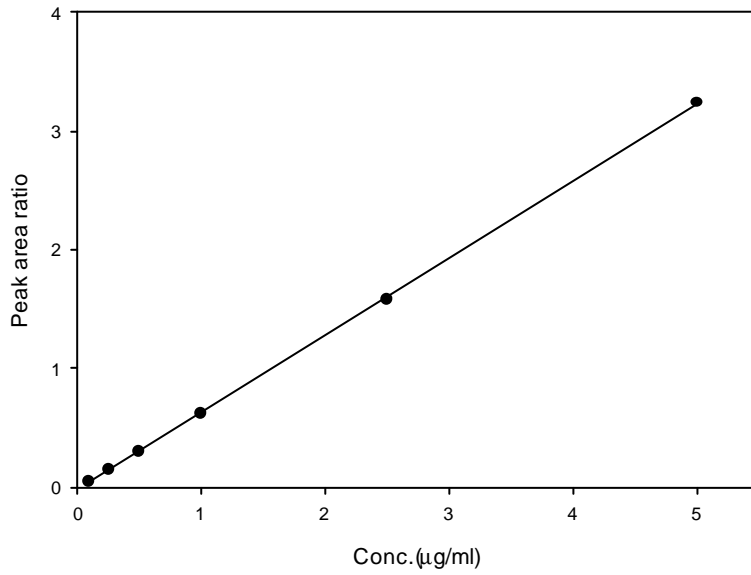
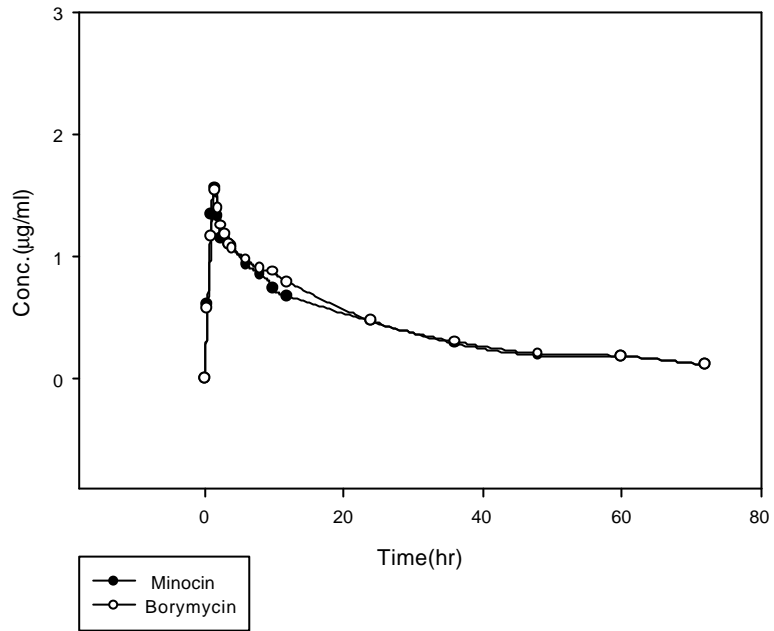
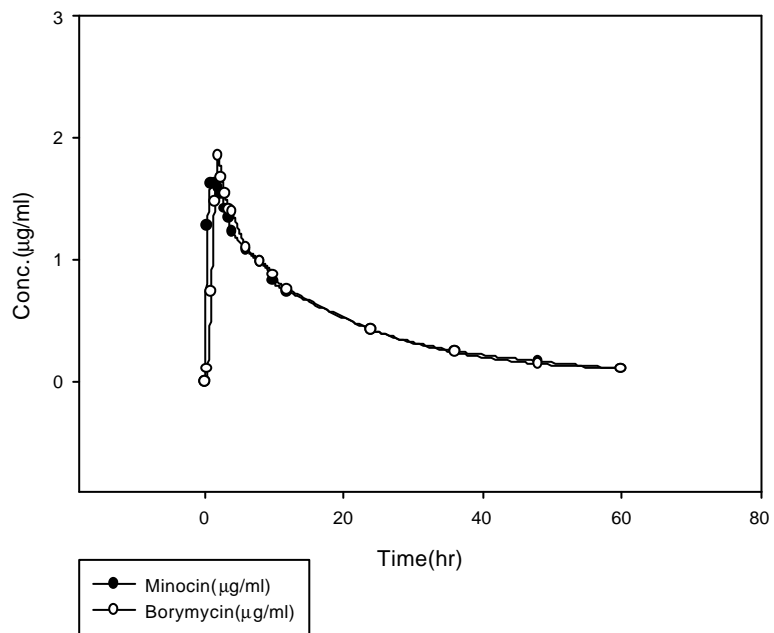


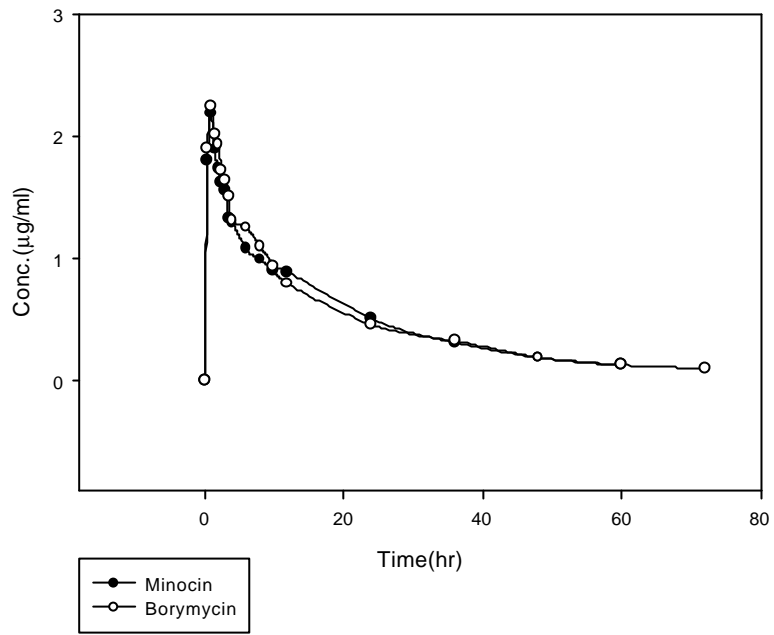
圖 4 Minocin 與 Borymycin 之個別血清濃度曲線圖
Subject A



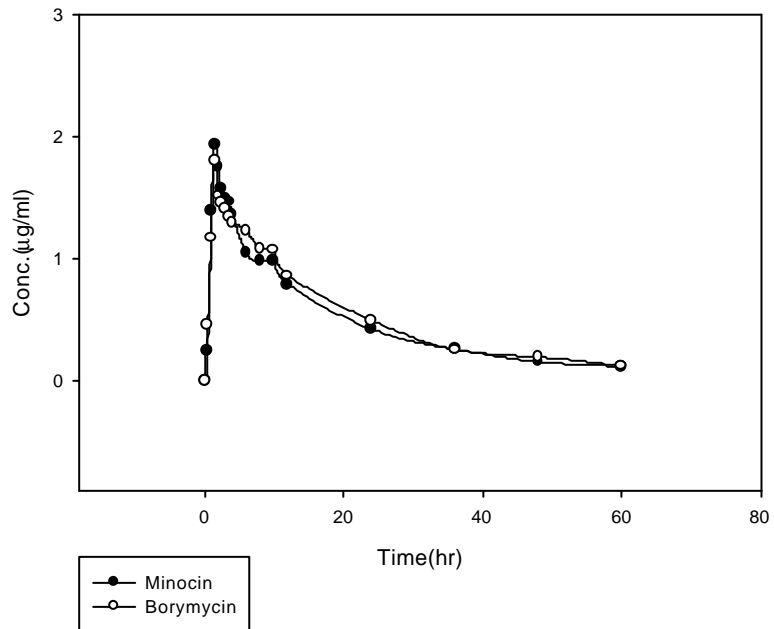
Subject B



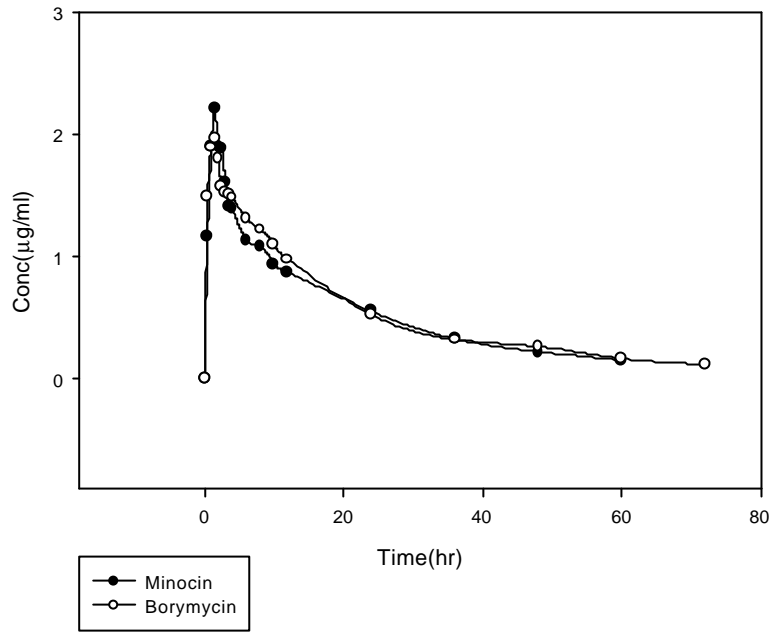
Subject C



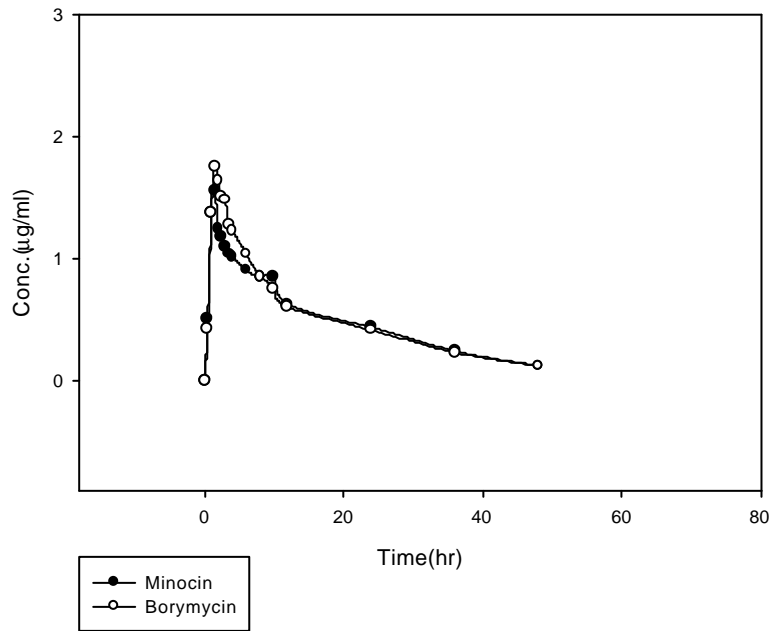
Subject D



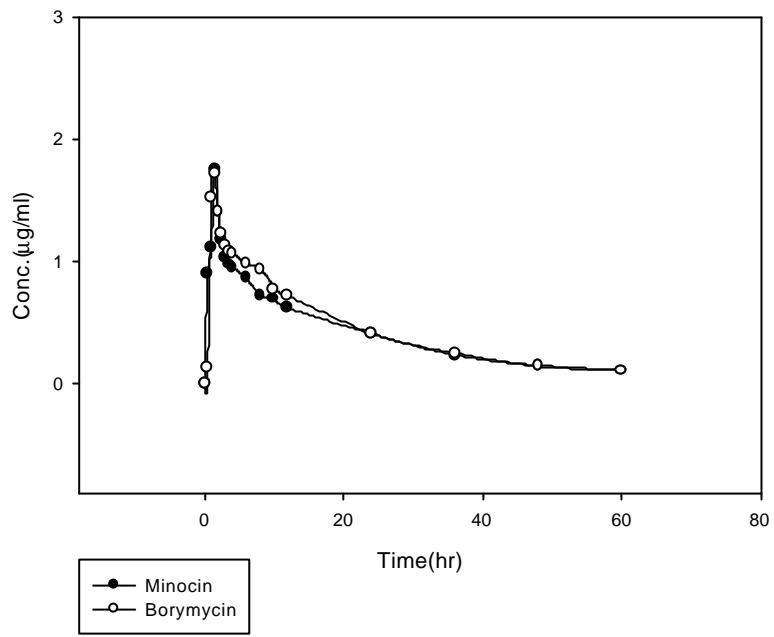
Subject E



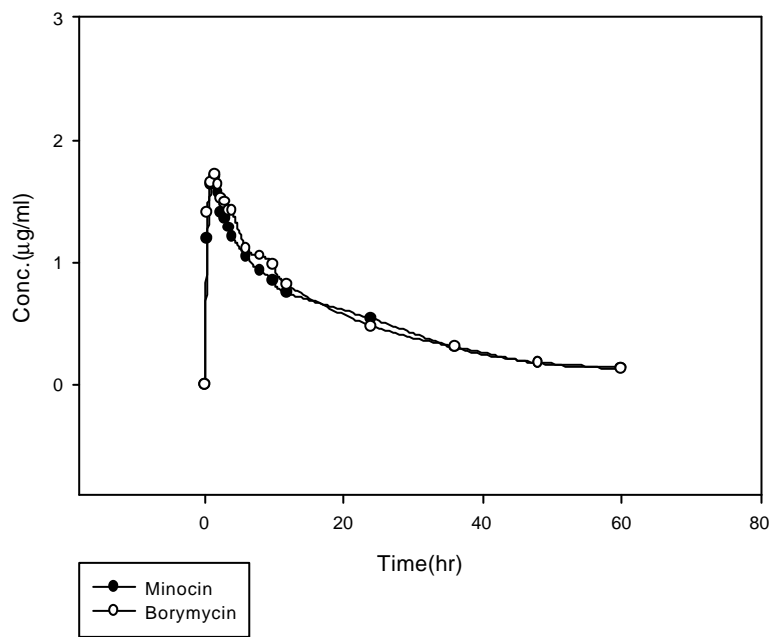
Subject F



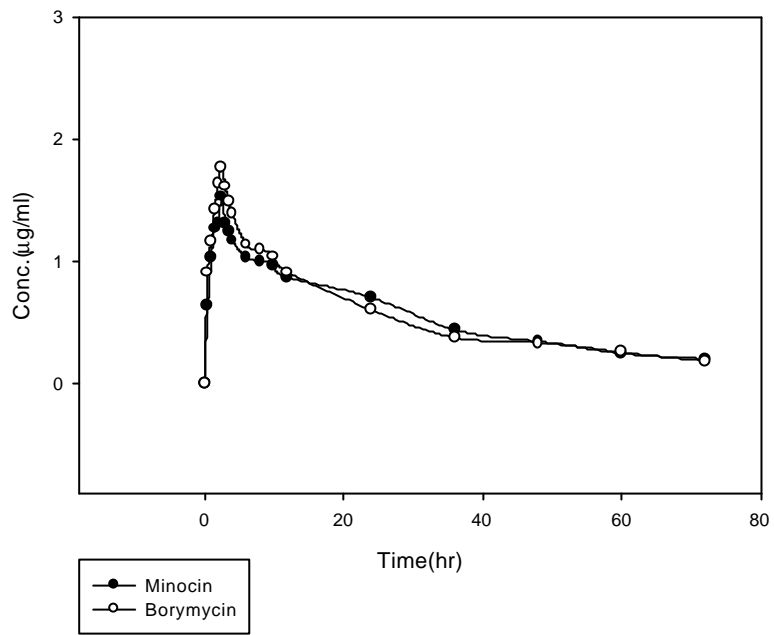
Subject G



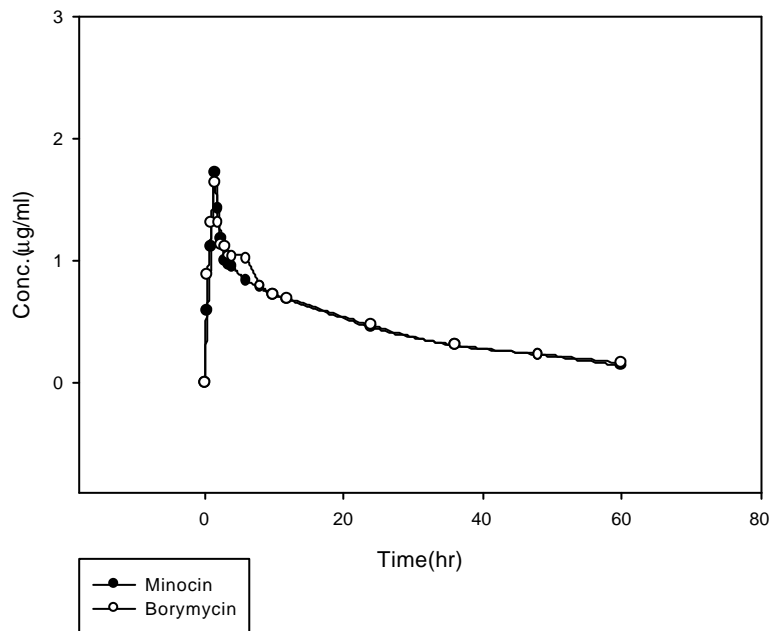
Subject H



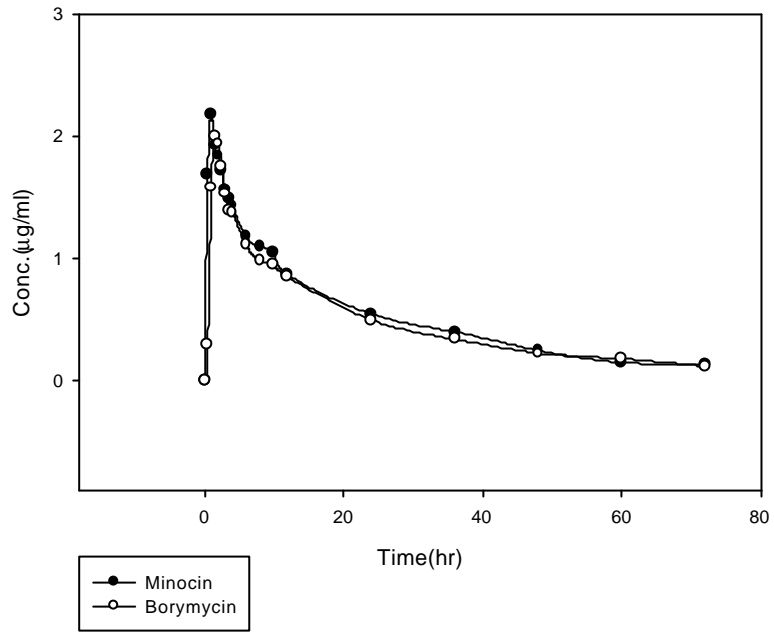
Subject I



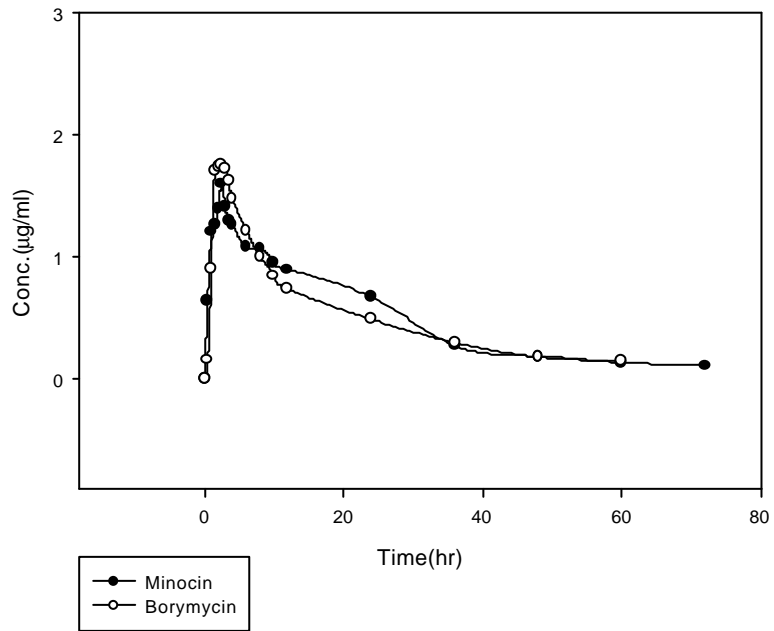
Subject J



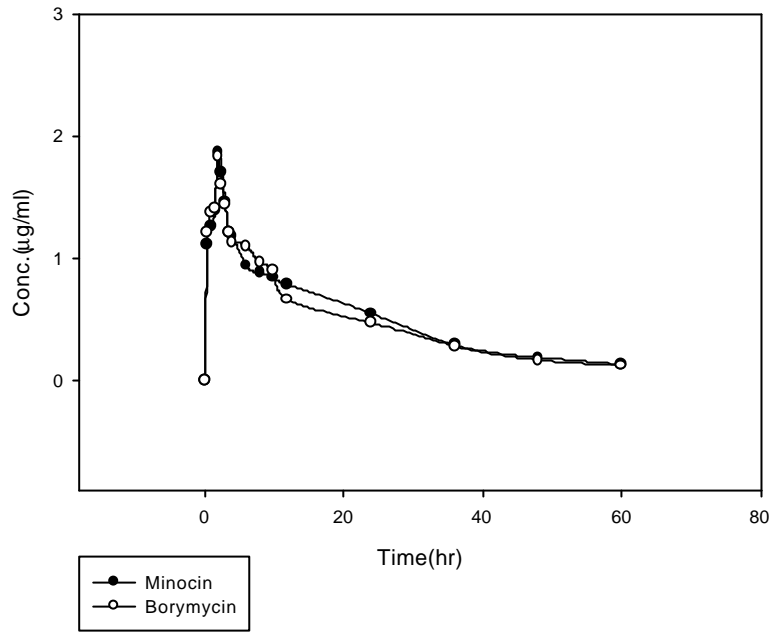
Subject K



Subject L



Subject M



Subject N

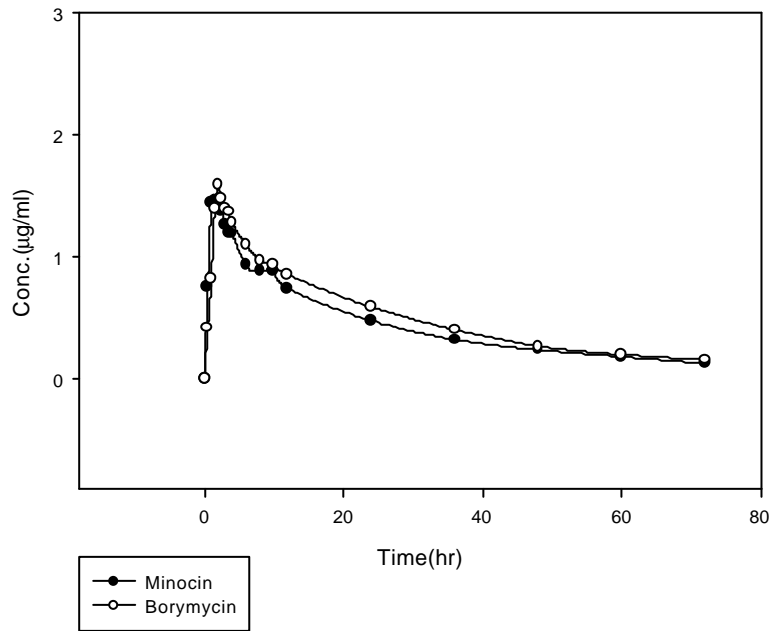


圖 5 Minocin 與 Borymycin 在十四位受試者口服 100 mg 後之平均血清濃度曲線圖

