Table 1 Free (unbound) amoxicillin concentrations (mg/L) and area under the curve (AUC, trapezoid method) relative to 30-minute infusion

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Time after dose** | **Serum concentration (mg/L)** | **Serum AUC**  **(mg.hr/L)** | **Effluent concentration (mg/L)** | **Effluent AUC**  **(mg.hr/L)** | **Urine concentration (mg/L)** | **Urine volume (mL/hr)** | **Urine AUC**  **(mg.hr/L)** |
| 1 hour | 28.0 | - | 17.3 | - | 566 | 15 | - |
| 2 hours | 11.0 | - | 10.9 | - | 10595 | 10 | - |
| 4 hours | 5.2 | 35.7 | 6.6 | 31.6 | 11677 | 5 | 27852 |
| 6 hours | - | - | - | - | 3206 | 35 | - |
| 8 hours | 1.0 | 48.1 | - | - | 1691 | 15 | 47632 |