S1 Table. Testing grid for the visual determination of unfractionated heparin precipitation in ethanol. Influence of relative concentrations, time of contact and temperature on UFH solubility.

|  |  |  |  |
| --- | --- | --- | --- |
|  Ethanol(%, v/v) | UFH (U/mL)  | Room temperature1min 1h 24h 48h 72h  |  37°C 1min 1h 24h 48h 72h  |
| 30 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 | 0 | 0 | 0 | 0 | + | 0 | 0 | 0 | 0 | 0 |
| 300 | 0 | 0 | 0 | + | + | 0 | 0 | 0 | 0 | 0 |
| 400 | 0 | 0 | + | + | + | 0 | 0 | 0 | 0 | 0 |
| 500 | 0 | 0 | + | + | + | 0 | 0 | 0 | 0 | 0 |
| 800 | 0 | + | + | + | + | 0 | 0 | 0 | 0 | 0 |
| 1000 | + | + | + | + | + | 0 | 0 | 0 | 0 | 0 |
|  | 50 | + | + | + | + | + | 0 | 0 | 0 | 0 | 0 |
|  | 100 | + | + | + | + | + | 0 | 0 | 0 | 0 | 0 |
|  | 200 | + | + | + | + | + | + | + | 0 | 0 | 0 |
|  | 300 | + | + | + | + | + | + | + | 0 | 0 | 0 |
| 40 | 400 | + | + | + | + | + | + | + | 0 | 0 | 0 |
|  | 500 | + | + | + | + | + | + | + | + | + | + |
|  | 800 | + | + | + | + | + | + | + | + | + | + |
|  | 1000 | + | + | + | + | + | + | + | + | + | + |
| 45 | 300 | + | + | + | + | + | + | + | + | + | + |
| 100 | + | + | + | + | + | + | + | + | + | + |
| 200 | + | + | + | + | + | + | + | + | + | + |
| 300 | + | + | + | + | + | + | + | + | + | + |
| 400 | + | + | + | + | + | + | + | + | + | + |

0, absence of precipitates including cloudiness, film deposit and droplets

+, presence of precipitates including cloudiness, film deposit and droplets