Supplementary table 1 Imprecision data. Coefficient of variation (CV) with 95% confidence intervals (CI).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Total | | Within run (Repeatability) | |
| Sample | Mean (µg/L) | CV (%) | 95% CI | CV (%) | 95% CI |
| 1 | 1.754 | 21.1 | 15.5-33.3 | 16.0 | 11.1-28.0 |
| 2 | 3.293 | 10.6 | 7.9-15.9 | 9.5 | 6.6-16.6 |
| 3 | 5.749 | 8.0 | 5.5-14.6 | 4.9 | 3.5-8.1 |
| 4 | 8.822 | 5.8 | 3.9-11.2 | 3.1 | 2.2-5.1 |
| 5 | 16.768 | 3.4 | 2.3-6.9 | 1.8 | 1.3-2.9 |
| 6 | 32.965 | 2.3 | 1.7-3.5 | 1.6 | 1.1-2.6 |
| 7 | 110.271 | 1.7 | 1.3-2.5 | 1.4 | 1.0-2.4 |

Supplementary table 2 Sample stability – pool values at each time point (µg/l)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Time | 0h | 24h | 48h | 72h | 96h |
| Sample pool | Storage condition |  |  |  |  |  |
| Low pool | +4°C storage | 7.13 | 7.44 | 8.00 | 7.91 | 7.53 |
| -20°C storage | 7.13 | 6.90 | 7.90 | 7.42 | 8.24 |
| Freeze/Thaw | 7.13 |  | 7.35 | 7.60 | 8.21 |
| High pool | +4°C storage | 47.97 | 47.92 | 46.70 | 47.66 | 47.78 |
| -20°C storage | 47.97 | 42.37 | 46.82 | 47.91 | 48.32 |
| Freeze/Thaw | 47.97 |  | 48.30 | 48.86 | 49.10 |

Supplementary table 3 Preliminary diagnosis on admission, percentages are shown in parentheses.

|  |  |
| --- | --- |
| Initial diagnosis | n (%) |
| Acute Coronary Syndrome | 9 (4.1) |
| Chest pain non cardiac | 10 (4.6) |
| Chest pain ?MI | 71 (32.7) |
| Collapse | 9 (4.1) |
| Fall | 27 (12.4) |
| Infection | 25 (11.5) |
| Other | 5 (2.3) |
| Other cardiac diagnosis | 48 (22.1) |
| Other non cardiac diagnosis | 13 (6.0) |

Supplementary table 4 Risk factor profile of the angioplasty cohort. percentages are shown in parentheses.

|  |  |
| --- | --- |
|  | N (%) |
| Diabetes mellitus | 11 (22) |
| Hypercholesterolaemia | 37 (74) |
| Hypertension | 37 (74) |
| Smoking | 19 (38) |
| FH CAD | 18 (36) |