

各實驗室 CHT 確診檢驗項目院際品管檢驗之重複性 (Repeatability) 統計

送檢批號：CHT2010-09

檢體寄出日期：2010/09/27

報告回收截止日期：2010/10/04

檢體編號：S2；S4；S5

| 檢驗單位 代碼 | 醫院 代碼 | TSH (mIU/L) | | | | | T ₄ (μg/dL) | | | | | FT ₄ (ng/dL) | | | | | T ₃ (ng/dL) | | | | |
|------------|----------|-------------|---------|---|------|-----------|------------------------|---------|---|------|-----------|-------------------------|-----------|---|------|-----------|------------------------|---------|---|------|----------|
| | | Method | Mean | n | SD | CV | Method | Mean | n | SD | CV | Method | Mean | n | SD | CV | Method | Mean | n | SD | CV |
| RH-01-1 | RH-01 | 03 | 3.9 | 3 | 0.35 | 8.9% | 04 | 6.7 | 3 | 0.35 | 5.2% | 04 | 1.17 | 3 | 0.01 | 0.5% | 04 | 138 | 3 | 3.0 | 2.2% |
| RH-01-2 | RH-01 | - | - | - | - | - | 02 | 6.5 | 3 | 0.29 | 4.5% | - | - | - | - | - | 02 | 136 | 3 | 5.6 | 4.1% |
| RH-02-1 | RH-02 | 01 | 5.4 | 3 | 0.06 | 1.1% | 02 | 6.6 | 3 | 0.00 | 0.0% | 02 | 1.62 | 3 | 0.19 | 11.9% | 02 | 150 | 3 | 1.0 | 0.7% |
| RH-02-2 | RH-02 | 03 | 4.1 | 3 | 0.15 | 3.8% | 04 | 8.5 | 3 | 0.44 | 5.1% | 04 | 1.40 | 3 | 0.03 | 2.1% | 04 | 184 | 3 | 2.5 | 1.4% |
| RH-06 | RH-06 | 03 | 3.7 | 3 | 0.31 | 8.2% | 04 | 7.8 | 3 | 0.62 | 8.0% | 04 | 1.39 | 3 | 0.04 | 2.7% | 04 | 167 | 3 | 9.8 | 5.9% |
| RH-07-1 | RH-07 | 03 | 3.4 | 3 | 0.06 | 1.7% | 04 | 8.1 | 3 | 0.10 | 1.2% | 04 | 1.30 | 3 | 0.04 | 3.4% | 04 | 141 | 3 | 10.8 | 7.6% |
| RH-07-2 | RH-07 | 01 | 5.4 | 3 | 0.06 | 1.1% | 02 | 6.6 | 3 | 0.36 | 5.5% | 02 | 1.52 | 3 | 0.10 | 6.3% | 02 | 142 | 3 | 3.2 | 2.3% |
| RH-12 | RH-12 | 03 | 4.3 | 3 | 0.10 | 2.3% | 04 | 7.3 | 3 | 0.74 | 10.1% | 04 | 1.58 | 3 | 0.04 | 2.4% | 04 | 147 | 3 | 11.1 | 7.6% |
| RH-14 | RH-14 | 01 | 4.2 | 3 | 0.06 | 1.4% | 02 | 6.4 | 3 | 0.31 | 4.7% | 02 | 1.22 | 3 | 0.04 | 3.0% | 02 | 134 | 3 | 2.0 | 1.5% |
| RH-15 | RH-15 | 01 | 7.0 | 3 | 3.09 | 43.9%* | 02 | 7.1 | 3 | 0.29 | 4.1% | - | - | - | - | - | 02 | 127 | 3 | 2.1 | 1.6% |
| RH-19 | RH-19 | 03 | 4.2 | 3 | 0.15 | 3.6% | 04 | 7.2 | 3 | 0.38 | 5.2% | 04 | 1.26 | 3 | 0.06 | 4.6% | 04 | 130 | 3 | 3.8 | 2.9% |
| RH-20 | RH-20 | 03 | 4.4 | 3 | 0.10 | 2.3% | 04 | 7.0 | 3 | 0.06 | 0.8% | 04 | 1.24 | 3 | 0.05 | 3.8% | 04 | 149 | 3 | 4.5 | 3.0% |
| CL005 | CL005 | 03 | 3.4 | 3 | 0.12 | 3.4% | 04 | 8.2 | 3 | 0.40 | 4.9% | 04 | 1.33 | 3 | 0.07 | 5.4% | 04 | 159 | 3 | 7.9 | 5.0% |
| CL006-1 | CL006 | 03 | 4.2 | 3 | 0.15 | 3.6% | 04 | 6.8 | 3 | 0.06 | 0.9% | 04 | 1.44 | 3 | 0.14 | 9.9% | 04 | 161 | 3 | 3.0 | 1.9% |
| CL006-2 | CL006 | 01 | 5.5 | 3 | 0.10 | 1.8% | 02 | 6.4 | 3 | 0.26 | 4.1% | 02 | 1.37 | 3 | 0.06 | 4.1% | 02 | 137 | 3 | 2.6 | 1.9% |
| CL008 | CL008 | 03 | 3.6 | 3 | 0.15 | 4.2% | 04 | 6.8 | 3 | 0.25 | 3.7% | 04 | 1.52 | 3 | 0.05 | 3.2% | 04 | 135 | 3 | 6.0 | 4.4% |
| CL009 | CL009 | 01 | 5.4 | 3 | 0.06 | 1.1% | 02 | 6.9 | 3 | 0.36 | 5.2% | 02 | 1.13 | 3 | 0.09 | 7.8% | 02 | 153 | 3 | 0.0 | 0.0% |
| CL010 | CL010 | 01 | 5.8 | 3 | 0.12 | 2.0% | 02 | 6.5 | 3 | 0.31 | 4.7% | 02 | 1.36 | 3 | 0.04 | 3.0% | 02 | 125 | 3 | 4.2 | 3.3% |
| CL011 | CL011 | 03 | 3.7 | 3 | 0.31 | 8.3% | 04 | 8.4 | 3 | 0.44 | 5.2% | 04 | 1.32 | 3 | 0.08 | 6.0% | 04 | 167 | 3 | 11.9 | 7.2% |
| CL012 | CL012 | 01 | 6.1 | 3 | 0.06 | 1.0% | 02 | 6.8 | 3 | 0.15 | 2.3% | 02 | 0.95 | 3 | 0.02 | 1.8% | 02 | 125 | 3 | 5.5 | 4.4% |
| CL013 | CL013 | 01 | 6.2 | 3 | 0.21 | 3.3% | 04 | 7.6 | 3 | 0.17 | 2.3% | 02 | 1.55 | 3 | 0.08 | 4.9% | 02 | 133 | 3 | 6.7 | 5.0% |
| CL014-1 | CL014 | 01 | 5.2 | 3 | 0.12 | 2.2% | 02 | 6.5 | 3 | 0.35 | 5.4% | - | - | - | - | - | 02 | 115 | 3 | 2.5 | 2.2% |
| CL014-2 | CL014 | - | - | - | - | - | - | - | - | - | - | 04 | 1.30 | 3 | 0.07 | 5.6% | - | - | - | - | - |
| CL015 | CL015 | 01 | 5.7 | 3 | 0.10 | 1.8% | 02 | 6.2 | 3 | 0.10 | 1.6% | 02 | 1.15 | 3 | 0.25 | 21.4%** | 02 | 102 | 3 | 3.2 | 3.2% |
| Median | | - | 4.4 | - | - | 2.3% | - | 6.8 | - | - | 4.7% | - | 1.3 | - | - | 3.9% | - | 138 | - | - | 3.0% |
| Range | | - | 3.4~7.0 | - | - | 1.0~43.9% | - | 6.2~8.5 | - | - | 0.0~10.1% | - | 0.95~1.62 | - | - | 0.5~21.4% | - | 102~184 | - | - | 0.0~7.6% |

* RH15 扣除一個異常結果，Mean = 5.3，CV = 1.3%

** CL015 扣除一個異常結果，Mean = 1.29，CV = 7.7%

