



PROFICIENCY TESTING SERVICE  
**AMERICAN ASSOCIATION OF BIOANALYSTS**  
 205 West Levee St. • Brownsville, TX 78520-5596  
 800-234-5315 • 281-436-5357 • Fax 713-781-5008

**PARTICIPANT STATISTICS**

**SYPHILIS SEROLOGY**

**SECOND QUADRIMESTER 2011**

**RPR, RST or TRUST**

| Method                      | Specimen 1 |            |            |            |           |           |           |          | Specimen 2 |            |            |            |           |           |           |          | Specimen 3 |            |            |            |            |            |            |            | Specimen 4 |            |            |            |            |            |            |            | Specimen 5 |            |            |            |            |            |            |            |            |
|-----------------------------|------------|------------|------------|------------|-----------|-----------|-----------|----------|------------|------------|------------|------------|-----------|-----------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                             | NR         | WR         | R          | RU         | 2d        | 4d        | 8d        | 16d      | NR         | WR         | R          | RU         | 2d        | 4d        | 8d        | 16d      | NR         | WR         | R          | RU         | 2d         | 4d         | 8d         | 16d        | NR         | WR         | R          | RU         | 2d         | 4d         | 8d         | 16d        | NR         | WR         | R          | RU         | 2d         | 4d         | 8d         | 16d        |            |
| Ampcor Syphilis RPR         |            |            | 1          |            |           | 1         |           |          |            | 1          |            |            | 1         |           |           |          | 2          |            |            |            |            |            |            |            |            |            | 1          | 1          |            |            |            |            |            |            | 2          |            |            |            |            |            |            |
| ASI RPR Card Test           |            |            | 45         | 1          | 6         | 51        | 20        | 2        |            |            | 45         | 2          | 4         | 56        | 16        | 2        | 125        |            |            |            |            |            |            |            |            |            |            | 45         | 12         | 54         | 12         | 2          | 124        |            |            | 1          |            |            |            |            |            |
| BD Macro-Vue RPR cards      |            |            | 45         |            | 4         | 15        | 12        |          |            |            | 45         |            | 4         | 17        | 10        |          | 76         |            |            |            |            |            |            |            |            |            |            | 3          | 17         | 43         | 6          | 16         | 7          |            |            | 1          |            |            |            |            |            |
| Biokit/Fisher Sure-Vue RPR  |            |            | 35         |            | 2         | 11        | 2         |          |            |            | 35         |            | 4         | 9         | 1         | 1        | 50         |            |            |            |            |            |            |            |            |            |            | 1          | 34         | 4          | 9          | 2          |            |            |            |            |            |            |            |            | 50         |
| Immunostics immuno/rpr      |            |            | 6          |            | 1         | 3         |           |          |            |            | 6          |            | 1         | 2         | 1         |          | 10         |            |            |            |            |            |            |            |            |            |            | 6          | 4          |            |            |            |            |            |            |            |            |            |            |            | 10         |
| Inverness Impact RPR        |            |            | 3          |            |           | 2         |           |          |            |            | 3          |            |           | 1         | 1         |          | 5          |            |            |            |            |            |            |            |            |            |            | 3          | 2          |            |            |            |            |            |            |            |            |            |            |            | 5          |
| New Horizons                |            |            |            |            |           | 2         |           |          |            |            |            |            |           | 2         |           |          | 2          |            |            |            |            |            |            |            |            |            |            |            | 2          |            |            |            |            |            |            |            |            |            |            |            | 2          |
| Stanbio RPR Quicktest #1170 |            |            | 2          |            | 1         |           |           |          |            |            | 2          |            | 1         |           |           |          | 3          |            |            |            |            |            |            |            |            |            |            | 2          | 1          |            |            |            |            |            |            |            |            |            |            |            | 3          |
| Wampole Impact              |            |            | 11         |            |           | 2         |           |          |            |            | 12         |            |           | 2         |           |          | 14         |            |            |            |            |            |            |            |            |            |            | 1          | 11         | 2          |            |            |            |            |            |            |            |            |            |            | 14         |
| <b>Total Population</b>     | <b>0</b>   | <b>0</b>   | <b>151</b> | <b>1</b>   | <b>16</b> | <b>92</b> | <b>35</b> | <b>2</b> | <b>0</b>   | <b>0</b>   | <b>152</b> | <b>2</b>   | <b>16</b> | <b>93</b> | <b>32</b> | <b>3</b> | <b>298</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>5</b>   | <b>148</b> | <b>25</b>  | <b>94</b>  | <b>22</b>  | <b>2</b>   | <b>1</b>   | <b>297</b> | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   |
| <b>Flagging</b>             | <b>***</b> | <b>***</b> |            | <b>***</b> |           |           |           |          | <b>***</b> | <b>***</b> |            | <b>***</b> |           |           |           |          |            | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |

**VDRL or USR**

| Method                   | Specimen 1 |            |          |            |          |           |          |          | Specimen 2 |            |            |            |          |           |          |            | Specimen 3 |            |            |            |            |            |            |            | Specimen 4 |            |            |            |            |            |            |            | Specimen 5 |            |            |            |            |            |            |            |          |
|--------------------------|------------|------------|----------|------------|----------|-----------|----------|----------|------------|------------|------------|------------|----------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
|                          | NR         | WR         | R        | RU         | 2d       | 4d        | 8d       | 16d      | NR         | WR         | R          | RU         | 2d       | 4d        | 8d       | 16d        | NR         | WR         | R          | RU         | 2d         | 4d         | 8d         | 16d        | NR         | WR         | R          | RU         | 2d         | 4d         | 8d         | 16d        | NR         | WR         | R          | RU         | 2d         | 4d         | 8d         | 16d        |          |
| ASI                      |            |            |          |            | 1        | 2         |          |          |            |            |            |            | 1        | 1         | 1        |            | 3          |            |            |            |            |            |            |            |            |            |            |            | 2          | 1          |            |            |            |            |            |            | 3          |            |            |            |          |
| BD/BBL Syphilis Serology |            |            |          |            | 3        | 5         | 2        |          |            |            |            |            | 3        | 5         | 2        |            | 10         |            |            |            |            |            |            |            |            |            |            | 2          | 5          | 2          | 1          |            |            |            |            |            | 10         |            |            |            |          |
| Immutrep Carbon          |            |            | 1        |            |          | 3         |          |          |            |            | 1          |            |          | 3         |          |            | 4          |            |            |            |            |            |            |            |            |            |            | 1          | 2          | 1          |            |            |            |            |            |            | 4          |            |            |            |          |
| <b>Total Population</b>  | <b>0</b>   | <b>0</b>   | <b>2</b> | <b>0</b>   | <b>5</b> | <b>13</b> | <b>2</b> | <b>0</b> | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>5</b> | <b>12</b> | <b>3</b> | <b>0</b>   | <b>22</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>3</b>   | <b>7</b>   | <b>8</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>22</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| <b>Flagging</b>          | <b>***</b> | <b>***</b> |          | <b>***</b> |          |           |          |          | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |          |           |          | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |          |

**FTA-ABS or FTA-ABS DS**

| Method                  | Specimen 1 |            |            |            |           | Specimen 2 |            |            |            |           | Specimen 3 |            |            |            |          | Specimen 4 |            |            |            |           | Specimen 5 |            |            |            |          |
|-------------------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|----------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|----------|
|                         | NR         | AF         | RM         | CNP        | R         | NR         | AF         | RM         | CNP        | R         | NR         | AF         | RM         | CNP        | R        | NR         | AF         | RM         | CNP        | R         | NR         | AF         | RM         | CNP        | R        |
| Hemagen                 |            |            |            |            | 1         |            |            |            |            | 1         |            |            |            |            | 1        |            |            |            |            | 1         |            |            |            |            | 1        |
| Scimedx Corp            |            |            |            |            | 1         |            |            |            |            | 1         |            |            |            |            | 1        |            |            |            |            | 1         |            |            |            |            | 1        |
| Zeus/Inverness          |            |            |            |            | 11        |            |            |            |            | 11        |            |            |            |            | 10       |            |            |            |            | 1         |            |            |            |            | 10       |
| <b>Total Population</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>13</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>13</b> | <b>12</b>  | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>13</b> | <b>12</b>  | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b> |
| <b>Flagging</b>         | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |           | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |           | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |          | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |           | <b>***</b> | <b>***</b> | <b>***</b> | <b>***</b> |          |

**MHA-TP or TP-PA**

| Method                    | Specimen 1 |            |          | Specimen 2 |            |          | Specimen 3 |            |          | Specimen 4 |            |          | Specimen 5 |            |          |   |
|---------------------------|------------|------------|----------|------------|------------|----------|------------|------------|----------|------------|------------|----------|------------|------------|----------|---|
|                           | NR         | R          | CNP      | NR         | R          | CNP      | NR         | R          | CNP      | NR         | R          | CNP      | NR         | R          | CNP      |   |
| Beckman Olympus PK TP Sys |            | 2          |          |            | 2          |          |            | 2          |          |            | 2          |          |            | 2          |          |   |
| Fujirebio SERODIA-TP-PA   |            | 35         |          |            | 35         |          |            | 32         | 1        | 2          |            | 35       |            |            | 33       | 2 |
| Immutrep TPHA             |            | 4          |          |            | 4          |          |            | 4          |          |            | 4          |          |            | 4          |          |   |
| <b>Total Population</b>   | <b>0</b>   | <b>45</b>  | <b>0</b> | <b>0</b>   | <b>45</b>  | <b>0</b> | <b>41</b>  | <b>1</b>   | <b>3</b> | <b>0</b>   | <b>45</b>  | <b>0</b> | <b>42</b>  | <b>0</b>   | <b>3</b> |   |
| <b>Flagging</b>           | <b>***</b> | <b>***</b> |          | <b>***</b> | <b>***</b> |          | <b>***</b> | <b>***</b> |          | <b>***</b> | <b>***</b> |          | <b>***</b> | <b>***</b> |          |   |

**EIA**

| Method                      | Specimen 1 |           | Specimen 2 |           | Specimen 3 |          | Specimen 4 |           | Specimen 5 |          |
|-----------------------------|------------|-----------|------------|-----------|------------|----------|------------|-----------|------------|----------|
|                             | NR         | R         | NR         | R         | NR         | R        | NR         | R         | NR         | R        |
| Phoenix Bio-Tech Trep-Chek  |            | 6         |            | 6         |            | 6        |            | 6         |            | 6        |
| Phoenix Trep-Sure           |            | 7         |            | 7         |            | 7        |            | 7         |            | 7        |
| Siemens Immulite 2000       |            | 5         |            | 5         |            | 5        |            | 5         |            | 5        |
| Trin Biotech Captia IgG EIA |            | 3         |            | 3         |            | 3        |            | 3         |            | 3        |
| <b>Total Population</b>     | <b>0</b>   | <b>23</b> | <b>0</b>   | <b>23</b> | <b>23</b>  | <b>0</b> | <b>0</b>   | <b>23</b> | <b>23</b>  | <b>0</b> |
| <b>Flagging</b>             | <b>***</b> |           | <b>***</b> |           | <b>***</b> |          | <b>***</b> |           | <b>***</b> |          |

Correct responses are defined as those reflecting agreement among 80% or more of all participants or referees. Unacceptable responses are indicated by "\*\*\*\*\*" on the Flagging line of each specimen.