



110 West Cliff Avenue
Spokane, WA 99204

509.755.8600
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TEST CHANGE ALERT #361

July 06, 2010

Summary Of Changes

| TestCode(s) | Test Description |
|---------------------------------|--|
| BRPRP | REFLEX RPR SCREEN (New) |
| BRPRTP | REFLEX RPR TITER (New) |
| BTTPAP | REFLEX TPPA (New) |
| OB.PANEL (OBPANL) | OBSTETRIC PANEL (Delete) |
| OBPAN | OB PANEL (NO CBC) (Delete) |
| OBPAN1 | OBSTETRIC PANEL (REFLEXIVE) WITH CBC (New) |
| OBPAN2 | OBSTETRIC PANEL (REFLEXIVE) NO CBC (New) |
| OBPAN3 | OBSTETRIC PANEL 3 (REFLEXIVE) (New) |
| PRENAT | PRENATAL PROFILE (Delete) |
| RPR/RUB (Ordered as components) | RUBELLA & RPR (Delete) |
| RPRREF | RPR WITH REFLEX TO TITER (Delete) |
| RPRTP | RPR TITER (New) |
| TPPA | TP-PA (Delete) |
| TPPAP | TREPONEMA PALLIDUM AB BY TP-PA (New) |
| TREP | TREPONEMA PALLIDUM AB BY EIA (REFLEXIVE) (New) |
| TREPS | TREPONEMA PALLIDUM AB BY EIA (New) |



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TEST CHANGE ALERT #361

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The following tables reflect revisions only; other existing data remain unchanged.

BRPRP

order code

BRPRP

flexilab code

REFLEX RPR SCREEN (New)

| | |
|-----------|--|
| Effective | 08/17/10 |
| CPT4 | 86592 |
| Other | <i>This is used to bill for an RPR Screen when reflexed.</i> |

BRPRTP

order code

BRPRTP

flexilab code

REFLEX RPR TITER (New)

| | |
|-----------|---|
| Effective | 08/17/10 |
| CPT4 | 86593 |
| Other | <i>This test is used to bill for a RPR Titer when reflexed.</i> |

BTPPAP

order code

BTPPAP

flexilab code

REFLEX TPPA (New)

| | |
|-----------|---|
| Effective | 08/17/10 |
| CPT4 | 86780 |
| Other | <i>This is used to bill for TPPA when reflexed.</i> |

OB.PANEL

order code

OBPANL

flexilab code

OBSTETRIC PANEL (Delete)

| | |
|-----------|--|
| Effective | 08/17/10 |
| Delete | <i>This test is being discontinued. Use the ordercode OBPAN1 to order this test.</i> |

OBPAN

order code

OBPAN

flexilab code

OB PANEL (NO CBC) (Delete)

| | |
|-----------|--|
| Effective | 08/17/10 |
| Delete | <i>This test is being discontinued. Use the ordercode OBPAN2 to order this test.</i> |

OBPAN1

order code

OBPAN1

flexilab code

OBSTETRIC PANEL (REFLEXIVE) WITH CBC (New)

| | |
|-----------------------|--|
| Effective | 08/17/10 |
| Method | <i>Hemagglutination/ICMA/EIA/Automated hematology</i> |
| CPT4 | <i>85025, 86900, 86901, 86850, 87340, 86780, 86762</i> |
| Specimen Requirements | <i>6 mL serum (SST tube), 7 mL EDTA whole blood (2 lavender top tubes) and slides. Store and transport</i> |

| | | | | |
|--------------------------------|---|-------------------|---------------------------|-------------|
| | <i>all specimens (except slides) refrigerated. Prefer to receive specimen for CBC (lavender top tube) within 12 hours of collection. This test may reflex to additional tests depending upon the results of this test. Additional fees may be added. RPR, RPR Titer and Treponema by TPPA will only be reported if the reflex is indicated.</i> | | | |
| Comments | <i>1) Unacceptable conditions: Frozen cells.</i> | | | |
| Reference Ranges | | | | |
| <i>WBC</i> | | | <i>see WBC for ranges</i> | <i>K/uL</i> |
| <i>RBC</i> | | | <i>see RBC for ranges</i> | <i>M/uL</i> |
| <i>HGB</i> | | | <i>see HGB for ranges</i> | <i>g/dL</i> |
| <i>HCT</i> | | | <i>see HCT for ranges</i> | <i>%</i> |
| <i>MCV</i> | | | <i>95.0-121.0</i> | <i>fL</i> |
| | | <i>0-3 days</i> | <i>88.0-126.0</i> | |
| | | <i>3-7 days</i> | <i>86.0-124.0</i> | |
| | | <i>7-14 days</i> | <i>85.0-123.0</i> | |
| | | <i>14-30 days</i> | <i>85.0-123.0</i> | |
| | | <i>30-60 days</i> | <i>77.0-115.0</i> | |
| | | <i>2-6 mos</i> | <i>74.0-108.0</i> | |
| | | <i>6-24 mos</i> | <i>70.0-86.0</i> | |
| | | <i>2-6 yrs</i> | <i>75.0-87.0</i> | |
| | | <i>6-12 yrs</i> | <i>77.0-95.0</i> | |
| | <i>F</i> | <i>12-18 yrs</i> | <i>78.0-102.0</i> | |
| | <i>M</i> | <i>12-18 yrs</i> | <i>78.0-98.0</i> | |
| | | <i>18 yrs+</i> | <i>80.0-100.0</i> | |
| <i>MCH</i> | | <i>0-3 days</i> | <i>31.0-37.0</i> | <i>pg</i> |
| | | <i>3-30 days</i> | <i>28.0-37.0</i> | |
| | | <i>30-60 days</i> | <i>26.0-34.0</i> | |
| | | <i>2-6 mos</i> | <i>25.0-35.0</i> | |
| | | <i>6-24 mos</i> | <i>23.0-31.0</i> | |
| | | <i>2-6 yrs</i> | <i>24.0-30.0</i> | |
| | | <i>6-12 yrs</i> | <i>25.0-33.0</i> | |
| | | <i>12-18 yrs</i> | <i>25.0-35.0</i> | |
| | | <i>18 yrs+</i> | <i>27.0-34.0</i> | |
| <i>MCHC</i> | | <i>0-3 days</i> | <i>29.0-37.0</i> | <i>g/dL</i> |
| | | <i>3-14 days</i> | <i>28.0-37.0</i> | |
| | | <i>14-60 days</i> | <i>29.0-37.0</i> | |
| | | <i>2-24 mo</i> | <i>30.0-36.0</i> | |
| | | <i>2-18 yrs</i> | <i>31.0-37.0</i> | |
| | | <i>18 yrs+</i> | <i>32.0-35.5</i> | |
| <i>RDW</i> | | <i>0-7 days</i> | <i>11.0-18.0</i> | <i>%</i> |
| | | <i>7-60 days</i> | <i>11.0-17.0</i> | |
| | | <i>2-6 mos</i> | <i>11.0-16.5</i> | |
| | | <i>6-24 mo</i> | <i>11.0-16.0</i> | |
| | | <i>2-6 yrs</i> | <i>11.0-15.0</i> | |
| | | <i>6-18 yrs</i> | <i>11.0-14.5</i> | |
| | | <i>18 yrs+</i> | <i>11.0-15.0</i> | |
| <i>PLT</i> | | | <i>see PLT for ranges</i> | <i>K/uL</i> |
| <i>Diff Type</i> | | | | |
| <i>Neutrophils (Automated)</i> | | <i>Newborn</i> | <i>44.0-85.0</i> | <i>%</i> |
| | | <i>1-7 days</i> | <i>28.0-62.0</i> | |
| | | <i>8-14 days</i> | <i>23.0-57.0</i> | |
| | | <i>15-60 days</i> | <i>18.0-52.0</i> | |
| | | <i>2-11 mon</i> | <i>15.0-49.0</i> | |
| | | <i>1-4 yrs</i> | <i>14.0-59.0</i> | |
| | | <i>5-12 yrs</i> | <i>34.0-71.0</i> | |
| | | <i>13-18 yrs</i> | <i>40.0-74.0</i> | |
| | | <i>19+ yrs</i> | <i>40.0-80.0</i> | |

| | | | |
|-----------------------|------------------------|-------------------|---------------|
| <i>Segs (Manual)</i> | <i>0-1 day</i> | <i>33-70</i> | <i>%</i> |
| | <i>1-7 days</i> | <i>15-50</i> | |
| | <i>7-30 days</i> | <i>15-45</i> | |
| | <i>1-12 mo</i> | <i>15-70</i> | |
| | <i>1-4 yrs</i> | <i>25-70</i> | |
| | <i>4-10 yrs</i> | <i>30-70</i> | |
| | <i>10-14 yrs</i> | <i>25-70</i> | |
| | <i>14-18 yrs</i> | <i>30-70</i> | |
| | <i>18 yrs+</i> | <i>38-70</i> | |
| <i>Bands</i> | <i>0-2 days</i> | <i>10-18</i> | <i>%</i> |
| <i>(Automated)</i> | <i>3 days - 36 mon</i> | <i>7-19</i> | |
| | <i>37 mon - 4 yrs</i> | <i>5-12</i> | |
| | <i>5-16 yrs</i> | <i>5-11</i> | |
| | <i>17+ yrs</i> | <i>0-8</i> | |
| <i>Metamyelocytes</i> | | | <i>%</i> |
| <i>Myelocytes</i> | | | <i>%</i> |
| <i>Promyelocytes</i> | | | <i>%</i> |
| <i>Blasts</i> | | | <i>%</i> |
| <i>Lymphocytes</i> | <i>Newborn</i> | <i>9.0-46.0</i> | <i>%</i> |
| <i>(Automated)</i> | <i>1-3 days</i> | <i>16.0-46.0</i> | |
| | <i>4-7 days</i> | <i>26.0-56.0</i> | |
| | <i>8-14 days</i> | <i>33.0-63.0</i> | |
| | <i>15-60 days</i> | <i>41.0-71.0</i> | |
| | <i>2-11 mon</i> | <i>46.0-76.0</i> | |
| | <i>1-4 yrs</i> | <i>35.0-76.0</i> | |
| | <i>5-12 yrs</i> | <i>23.0-57.0</i> | |
| | <i>13-18 yrs</i> | <i>20.0-50.0</i> | |
| | <i>19+ yrs</i> | <i>15.0-45.0</i> | |
| <i>Variant Lymphs</i> | | <i>0-6</i> | <i>%</i> |
| <i>Monocytes</i> | <i>Newborn</i> | <i>1.0-10.0</i> | <i>%</i> |
| <i>(Automated)</i> | <i>1-3 days</i> | <i>2.0-10.0</i> | |
| | <i>4-14 days</i> | <i>5.0-13.0</i> | |
| | <i>15-60 days</i> | <i>3.0-11.0</i> | |
| | <i>2 mon - 4 yrs</i> | <i>1.0-9.0</i> | |
| | <i>5-12 yrs</i> | <i>0.0-9.0</i> | |
| | <i>13-18 yrs</i> | <i>1.0-9.0</i> | |
| | <i>19+ yrs</i> | <i>0.0-12.0</i> | |
| <i>Eosinophils</i> | | <i>0.0-7.0</i> | <i>%</i> |
| <i>(Automated)</i> | | | |
| <i>Basophils</i> | | <i>0.0-2.0</i> | <i>%</i> |
| <i>(Automated)</i> | | | |
| <i>Others</i> | | | <i>%</i> |
| <i>Nucleated RBCs</i> | | | <i>/100WB</i> |
| <i>Megakaryocyte</i> | | | <i>/100WB</i> |
| <i>fragments</i> | | | |
| <i>Neutrophils,</i> | <i>Newborn</i> | <i>6.00-28.00</i> | <i>K/uL</i> |
| <i>Absolute</i> | <i>1-7 days</i> | <i>1.50-10.00</i> | |
| <i>(Automated)</i> | <i>8-60 days</i> | <i>1.00-9.50</i> | |
| | <i>2-11 mon</i> | <i>1.00-8.50</i> | |
| | <i>1-4 yrs</i> | <i>1.50-8.50</i> | |
| | <i>5-12 yrs</i> | <i>1.50-8.00</i> | |
| | <i>13-18 yrs</i> | <i>1.80-8.00</i> | |
| | <i>19+ yrs</i> | <i>2.00-7.30</i> | |
| <i>Segs, Absolute</i> | <i>0-1 day</i> | <i>3.00-12.05</i> | <i>K/uL</i> |
| <i>(Manual)</i> | <i>1-7 days</i> | <i>2.00-6.00</i> | |
| | <i>1 wk-1 yr</i> | <i>1.50-5.00</i> | |
| | <i>1-4 yrs</i> | <i>1.50-7.50</i> | |

| | | | | |
|---|----------------|-----------|--|-------|
| | | 4-10 yrs | 1.80-7.00 | |
| | | 10-18 yrs | 1.50-7.00 | |
| | | 18 yrs+ | 1.80-7.70 | |
| Bands, Abs (Automated) | | | | K/uL |
| Lymphs, Abs (Automated) | Newborn | | 2.00-11.00 | K/uL |
| | 1-3 days | | 2.00-11.50 | |
| | 4-14 days | | 2.00-17.00 | |
| | 15-60 days | | 2.50-16.50 | |
| | 2-11 mon | | 4.00-13.50 | |
| | 1-4 yrs | | 2.00-10.50 | |
| | 5-12 yrs | | 1.50-7.00 | |
| | 13-18 yrs | | 1.20-5.20 | |
| | 19+ yrs | | 1.00-3.40 | |
| Var Lymph, Abs | | | | K/uL |
| Monocytes, Abs (Automated) | Newborn | | 0.90-1.40 | K/uL |
| | 1-7 days | | 0.90-1.30 | |
| | 8-14 days | | 0.80-1.20 | |
| | 15-60 days | | 0.50-0.90 | |
| | 2-11 mon | | 0.40-0.80 | |
| | 1-4 yrs | | 0.30-0.80 | |
| | 5-18 yrs | | 0.20-0.60 | |
| | 19+ yrs | | 0.00-0.80 | |
| Eos, Abs (Automated) | | | 0.00-0.50 | K/uL |
| Baso, Abs (Automated) | | | 0.00-0.10 | K/uL |
| RBC Morphology | | | Normal | |
| WBC Morphology | | | Normal | |
| Platelet Morph | | | Normal | |
| No. of Cells in Diff | | | | |
| ABO | | | | |
| RH | | | | |
| Antibody Screen | | | Negative | |
| Hepatitis B Surface Ag Confirmation | when indicated | | Non-reactive | |
| Treponema pallidum AB by EIA | | | Negative | |
| RPR | | | Non-reactive | |
| RPR Titer | | | LT 1:2 | |
| Treponema pallidum AB by TP-PA | | | Non-reactive | |
| Rubella IgG Ab | LT 5 | | Presumed non-immune (Negative) | IU/mL |
| | 5-9 | | Equivocal (Indeterminant) | |
| | 10 or more | | Presumed immune (Positive) | |
| | | | Result flagging is based on presumed immune status. | |

| | | | |
|-----------------------|---|------------------------------------|--|
| Effective | 08/17/10 | | |
| Method | <i>Hemagglutination, ICMA, EIA</i> | | |
| CPT4 | <i>86900, 86901, 86850, 87340, 86780, 86762</i> | | |
| Specimen Requirements | <i>6 mL serum (SST tube) and 7 mL EDTA whole blood (2 lavender top tubes). Store and transport all specimens refrigerated. This test may reflex to additional tests depending upon the results of this test. Additional fees may be added. The RPR, RPR Titer & Treponema by TPPA will only be reported when the reflex is indicated.</i> | | |
| Comments | <i>1) Unacceptable conditions: frozen cells.</i> | | |
| Reference Ranges | <i>ABO</i> | | |
| | <i>RH</i> | | |
| | <i>Antibody Screen</i> | | <i>Negative</i> |
| | <i>Hepatitis B Surface Ag Confirmation</i> | <i>when indicated</i> | <i>Non-reactive</i> |
| | <i>Treponema pallidum AB by EIA</i> | | <i>Negative</i> |
| | <i>RPR</i> | | <i>Non-reactive</i> |
| | <i>RPR Titer</i> | | <i>LT 1:2</i> |
| | <i>Treponema pallidum AB by TP-PA</i> | | <i>Non-reactive</i> |
| | <i>Rubella IgG Ab</i> | <i>LT 5 5-9 10 or more</i> | <i>Presumed non-immune (Negative) Equivocal (Indeterminant) Presumed immune (Positive) Result flagging is based on presumed immune status.</i> |
| | | | <i>IU/mL</i> |

| | | | |
|-----------------------|--|--|---------------------|
| Effective | 08/17/10 | | |
| Method | <i>Hemagglutination, EIA</i> | | |
| CPT4 | <i>86900, 86901, 86850, 86780</i> | | |
| Specimen Requirements | <i>6 mL serum (SST tube) and 7 mL EDTA whole blood (2 lavender top tubes). Store and transport all specimens refrigerated. This test may reflex to additional tests depending upon the results of this test. Additional fees may be added. The RPR, RPR Titer, & Treponema by TPPA will only be reported if the reflex is indicated.</i> | | |
| Comments | <i>1) Unacceptable conditions: frozen cells.</i> | | |
| Reference Ranges | <i>ABO</i> | | |
| | <i>RH</i> | | |
| | <i>Antibody Screen</i> | | <i>Negative</i> |
| | <i>Treponema pallidum AB by EIA</i> | | <i>Negative</i> |
| | <i>RPR</i> | | <i>Non-reactive</i> |

| | | | |
|---|--|--------------------------------|--|
| <i>RPR Titer Treponema pallidum AB by TP-PA</i> | | <i>LT 1:2 Non-reactive</i> | |
|---|--|--------------------------------|--|

PRENAT

order code

PRENAT

flexilab code

PRENATAL PROFILE (Delete)

| | |
|-----------|--|
| Effective | 08/17/10 |
| Delete | <i>This test is being discontinued. Use the ordercode OBPAN3 to order this test.</i> |

RPR/RUB

order code

**Ordered as
components**

flexilab code

RUBELLA & RPR (Delete)

| | |
|-----------|---|
| Effective | 08/17/10 |
| Delete | <i>This test is being discontinued.</i> |

RPRREF

order code

RPRREF

flexilab code

RPR WITH REFLEX TO TITER (Delete)

| | |
|-----------|---|
| Effective | 08/17/10 |
| Delete | <i>This test is being discontinued.</i> |

RPRTTP

order code

RPRTTP

flexilab code

RPR TITER (New)

| | | | |
|-----------------------|--|--|---------------|
| Effective | 08/17/10 | | |
| Method | <i>Flocculation</i> | | |
| CPT4 | <i>86593</i> | | |
| Specimen Requirements | <i>2 mL serum (SST tube). Separate serum from the cells and put in separate plastic tube. Store and transport refrigerated. Stability: RT-2 days, Refrigerated-2 weeks, Frozen-1 month.</i> | | |
| Comments | <i>1) Min Amt: 0.5 mL. 2) Other acceptable specimens: EDTA plasma (lavender top tube) as long as testing is completed before the specimen is 48 hours old, provided it has been collected with adequate volume to provide the appropriate proportions of specimen to anticoagulant. 3) Unacceptable conditions: samples should be free of bacterial contamination, lipema or hemolysis. CSF & other body fluids.</i> | | |
| Reference Ranges | <i>RPR Titer</i> | | <i>LT 1:2</i> |

TPPA
order code

TPPA
flexilab code

TP-PA (Delete)

| | |
|-----------|---|
| Effective | 08/17/10 |
| Delete | <i>This test is being discontinued.</i> |

TPPAP
order code

TPPAP
flexilab code

TREPONEMA PALLIDUM AB BY TP-PA (New)

| | | | |
|-----------------------|--|--|---------------------|
| Effective | 08/17/10 | | |
| Method | <i>Gel Particle Agglutination</i> | | |
| CPT4 | <i>86780</i> | | |
| Specimen Requirements | <i>2 mL serum (SST tube). Separate serum from cells and put in separate plastic tube. Store and transport refrigerated. Stability: RT-2 days, Refrigerated-2 weeks, Frozen-1 month.</i> | | |
| Comments | <i>1) Min Amt: 0.5 mL. 2) Other acceptable specimens: EDTA plasma (lavender top tube) as long as testing is completed before the specimen is 48 hours old, provided it has been collected with adequate volume to provide the appropriate proportions of specimen to anticoagulant. 3) Unacceptable conditions: samples should be free of bacterial contamination, lipema or hemolysis. CSF & other body fluids.</i> | | |
| Reference Ranges | <i>Treponema pallidum AB By TP-PA</i> | | <i>Non-reactive</i> |

TREP

TREP

TREPONEMA PALLIDUM AB BY EIA (REFLEXIVE)
(New)

order code

flexilab code

| | | | |
|-----------------------|--|--|---------------------|
| Effective | 08/17/10 | | |
| Method | <i>EIA</i> | | |
| CPT4 | <i>86780</i> | | |
| Specimen Requirements | <i>1 mL serum (SST tube). Separate serum from cells and put in separate plastic tube. Store and transport refrigerated. This test may reflex to additional tests depending upon the results of this test. Additional fees may be added. RPR, RPR Titer & Treponema by TPPA will only be reported if the reflex is indicated. Stability: RT-2 days, Refrigerated-2 weeks, Frozen-1 month.</i> | | |
| Comments | <i>1) Min Amt: 0.5 mL. 2) Other acceptable specimens: EDTA plasma (lavender top tube) as long as testing is completed before the specimen is 48 hours old, provided it has been collected with adequate volume to provide the appropriate proportions of specimen to anticoagulant. 3) Unacceptable conditions: samples should be free of bacterial contamination, lipema or hemolysis. CSF & other body fluids.</i> | | |
| Reference Ranges | <i>Treponema pallidum AB by EIA</i> | | <i>Negative</i> |
| | <i>RPR</i> | | <i>Non-reactive</i> |
| | <i>RPR Titer</i> | | <i>LT 1:2</i> |
| | <i>Treponema pallidum AB by TP-PA</i> | | <i>Non-reactive</i> |

TREPS
order code

TREPS
flexilab code

TREPONEMA PALLIDUM AB BY EIA (New)

| | | | |
|-----------------------|---|--|-----------------|
| Effective | 08/17/10 | | |
| Method | <i>EIA</i> | | |
| CPT4 | <i>86780</i> | | |
| Specimen Requirements | <i>1 mL serum (SST tube). Separate serum from cells and put in separate plastic tube. Store and transport refrigerated. Stability: RT-2 days, Refrigerated-2 weeks, Frozen-1 month.</i> | | |
| Comments | <i>1) Min Amt: 0.5 mL. 2) Other acceptable specimens: EDTA plasma (lavender top tube) as long as testing is completed before the specimen is 48 hours old, provided it has been collected with adequate volume to provide the appropriate proportions of specimen to anticoagulant. 3) Unacceptable conditions: samples should be free of bacterial contamination, lipemia or hemolysis. CSF & other body fluids.</i> | | |
| Reference Ranges | <i>Treponema pallidum AB by EIA</i> | | <i>Negative</i> |

[PAML Web Test Directory](#)