



**COLLEGE of AMERICAN  
PATHOLOGISTS**

325 Waukegan Road, Northfield, Illinois 60093-2750  
800-323-4040 • cap.org

**ORIGINAL EVALUATION**

**Y-A 2025 Sex Hormones (Y)**

**INSTITUTION:** Klinikum der Universitat Munchen  
Munich BY GE 80336

**ATTENTION:** Tim Kuehnle PhD

**CAP NUMBER:** 8481165-01      **Kit Sequence:** 1

|                         |               |                    |                             |                           |
|-------------------------|---------------|--------------------|-----------------------------|---------------------------|
| <b>KIT INFORMATION:</b> | <b>Kit #:</b> | <b>Kit Mailed:</b> | <b>Original Evaluation:</b> | <b>Next Mailing Date:</b> |
|                         | 38773741      | 4/22/2025          | 6/18/2025                   | 8/11/2025                 |

**COPIED TO:** CAP

**LEGEND:** **Exception Reason Codes appearing in this evaluation:**  
[20] = Response was not formally graded due to insufficient peer group data. Please see the participant summary for additional information.

Reviewed By

Date



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**Institution:** Klinikum der Universität München  
**Attention:** Tim Kuehne PhD  
**City / State:** Munich BY GE 80336

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| Test<br>Unit of Measure<br>Peer Group                   | Evaluation and Comparative Method Statistics |             |       |      |             |       |       |       |               | Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation |                        |
|---|--|-------------|-------|------|-------------|-------|-------|-------|---------------|---|------------------------|
|   | Specimen                                     | Your Result | Mean  | S.D. | No. of Labs | S.D.I | Lower | Upper | Your Grade    | Survey  | -100-----Mean-----+100 |
| <b>Androstenedione</b><br>ng/dL<br>OTHER                | Y-01   | 0.24        |       |      | 5           |       |       |       | See Note [20] |   |                        |
|   | Y-02   | 49.50       |       |      | 10          |       |       |       | See Note [20] |   |                        |
|   | Y-03   | 272.00      |       |      | 10          |       |       |       | See Note [20] |   |                        |
|   | Y-04   | 164.00      |       |      | 10          |       |       |       | See Note [20] |   |                        |
|   | Y-05   | 56.30       |       |      | 10          |       |       |       | See Note [20] |   |                        |
| <b>DHEA Sulfate</b><br>ug/dL<br>OTHER                   | Y-01   | 44.4        |       |      | 7           |       |       |       | See Note [20] |   |                        |
|   | Y-02   | 65.7        |       |      | 7           |       |       |       | See Note [20] |   |                        |
|   | Y-03   | 462.8       |       |      | 7           |       |       |       | See Note [20] |   |                        |
|   | Y-04   | 252.9       |       |      | 7           |       |       |       | See Note [20] |   |                        |
|   | Y-05   | 84.6        |       |      | 7           |       |       |       | See Note [20] |   |                        |
| <b>Growth Hormone</b><br>ng/mL (ug/L)<br>IDS i10, iSYS  | Y-01   | 1.0         | 1.01  | 0.06 | 14          | -0.1  | 0.8   | 1.2   | Acceptable    | Y-A 2025<br>  |                        |
|   | Y-02   | 8.2         | 7.56  | 0.29 | 13          | +2.2  | 6.6   | 8.5   | Acceptable    |   |                        |
|   | Y-03   | 15.8        | 14.46 | 0.71 | 14          | +1.9  | 12.3  | 16.6  | Acceptable    |   |                        |
|   | Y-04   | 12.1        | 11.20 | 0.62 | 14          | +1.5  | 9.3   | 13.1  | Acceptable    |   |                        |
|   | Y-05   | 8.6         | 7.88  | 0.33 | 14          | +2.2  | 6.8   | 8.9   | Acceptable    |   |                        |
| <b>17-Hydroxyprogesterone</b><br>ng/dL<br>IDS i10, iSYS | Y-01   | 53.0        |       |      | 9           |       |       |       | See Note [20] |   |                        |
|   | Y-02   | 103.0       |       |      | 9           |       |       |       | See Note [20] |   |                        |
|   | Y-03   | 514.0       |       |      | 9           |       |       |       | See Note [20] |   |                        |
|   | Y-04   | 295.0       |       |      | 9           |       |       |       | See Note [20] |   |                        |
|   | Y-05   | 118.0       |       |      | 8           |       |       |       | See Note [20] |   |                        |

The College of American Pathologists recommends that the result of this interlaboratory comparison not be used as a sole criterion for judging the performance of any individual clinical laboratory.



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| Test<br>Unit of Measure<br>Peer Group  | Evaluation and Comparative Method Statistics |             |       |      |             |       |   |      |            | Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation |                        |
|--|--|-------------|-------|------|-------------|-------|---|------|------------|---|------------------------|
|  | Specimen                                     | Your Result | Mean  | S.D. | No. of Labs | S.D.I | Limits of Acceptability<br>Lower    Upper |      | Your Grade | Survey  | -100-----Mean-----+100 |
| <b>IGF-1</b><br>ng/mL<br>IDS i10, iSYS | Y-01   | 10.0        |       |      | 7           |       |   |      |            | See Note [20]   | Y-A 2025<br>           |
|  | Y-02   | 26.0        | 31.30 | 3.25 | 23          | -1.6  | 21.5                                      | 41.1 | Acceptable |   |                        |
|  | Y-03   | 45.0        | 53.99 | 6.05 | 23          | -1.5  | 35.8                                      | 72.2 | Acceptable |   |                        |
|  | Y-04   | 36.0        | 43.10 | 4.45 | 23          | -1.6  | 29.7                                      | 56.5 | Acceptable |   |                        |
|  | Y-05   | 26.0        | 32.57 | 3.13 | 23          | -2.1  | 23.1                                      | 42.0 | Acceptable |   |                        |
| <b>SHBG</b> nmol/L<br>nmol/L<br>OTHER  | Y-01   | 6.08        |       |      | 8           |       |   |      |            | See Note [20]   |                        |
|  | Y-02   | 19.18       |       |      | 8           |       |   |      |            | See Note [20]   |                        |
|  | Y-03   | 34.52       |       |      | 8           |       |   |      |            | See Note [20]   |                        |
|  | Y-04   | 26.92       |       |      | 8           |       |   |      |            | See Note [20]   |                        |
|  | Y-05   | 19.38       |       |      | 8           |       |   |      |            | See Note [20]   |                        |
| <b>Testosterone</b><br>ng/dL<br>OTHER  | Y-01   | 34.1        |       |      | 2           |       |   |      |            | See Note [20]   |                        |
|  | Y-02   | 87.7        |       |      | 2           |       |   |      |            | See Note [20]   |                        |
|  | Y-03   | 697.7       |       |      | 2           |       |   |      |            | See Note [20]   |                        |
|  | Y-04   | 385.8       |       |      | 2           |       |   |      |            | See Note [20]   |                        |
|  | Y-05   | 115.7       |       |      | 2           |       |   |      |            | See Note [20]   |                        |

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CAP #: 8481165

Subspecialty : Endocrinology

| Regulated Analyte | Proficiency Event<br>2024 2 |       |     | Proficiency Event<br>2024 3 |       |     | Proficiency Event<br>2025 1 |                  |     | Current Event<br>Performance<br>Interpretation | Cumulative CLIA<br>'88 Performance<br>Interpretation |
|-------------------|-----------------------------|-------|-----|-----------------------------|-------|-----|-----------------------------|------------------|-----|--|--|
|                   | Test Event                  | Score | %   | Test Event                  | Score | %   | Test Event                  | Score            | %   |  |  |
| Cortisol          | K-B                         | 5/5   | 100 | K-C                         | 5/5   | 100 | K-A                         | 5/5 <sup>^</sup> | 100 | Satisfactory                                   | Successful   |
| Testosterone      |                             |       |     |                             |       |     | Y-A                         | 5/5              | 100 |  | Satisfactory   |
| Endocrinology     |                             | 5/5   | 100 |                             | 5/5   | 100 |                             | 10/10            | 100 | Satisfactory                                   | Successful   |

<^> This score is taken from another kit.