

| ALLGEMEINES KRANKENHAUS DER STADT WIEN   |  |
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| Klin.Institut f.med.u.chem. Labordiagnostik<br>1090 Wien, Währinger Gürtel 18-20<br>Tel: 01-40400/5361 Fax: 5390<br>o.Univ.Prof. Dr. O. Wagner | Horm.Routine-Labbe<br><br>27-06-2007<br>Pilot fertig |
| An: AKH /Univ.Klinik für Frauenheilkunde<br>Hormonambulanz<br>Währinger Gürtel 18-20 TEL: 01-40400/2804  |  |
| Pat : <b>Müller</b> Irene<br>Gebdat: 17.07.1985, W   | Pat.Zl:<br>901/GY /07/009672                         |
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- E R G E B N I S T E I L -

| Hormonanalytik                | R E S U L T A T | REFERENZBEREICH               | EINHEIT            |
|-------------------------------|-----------------|-------------------------------|--------------------|
| TSH                           | <b>1.18</b>     | 0.44 - 3.77                   | μU/ml              |
|                               |                 | Graubereiche bis 0.1 bzw. 4.0 | μU/ml              |
| Luteotropes Hormon            | <b>2.6</b>      |                               | mU/ml              |
|                               |                 | Follikelphase                 | 2.4 - 12.6 mU/ml   |
|                               |                 | Ovulationsphase               | 14 - 95.6 mU/ml    |
|                               |                 | Lutealphase                   | 1 - 11.4 mU/ml     |
|                               |                 | Postmenopause                 | 7.7 - 58.5 mU/ml   |
| Follikelstimulierendes Hormon | <b>6.5</b>      |                               | mU/ml              |
|                               |                 | Follikelphase                 | 3.5 - 12.5 mU/ml   |
|                               |                 | Ovulationsphase               | 4.7 - 21.5 mU/ml   |
|                               |                 | Lutealphase                   | 1.7 - 7.7 mU/ml    |
|                               |                 | Postmenopause                 | 25.8 - 134.8 mU/ml |
| Prolaktin                     | <b>4.7</b>      | - 4.8-23.3                    | ng/ml              |
| Progesteron                   | <b>0.43</b>     |                               | ng/ml              |
|                               |                 | Follikelphase                 | 0.5 - 1.0 ng/ml    |
|                               |                 | Ovulationsphase               | 0.8 - 2.3 ng/ml    |
|                               |                 | Lutealphase                   | 3.0 - 18.5 ng/ml   |
|                               |                 | Perimenopause                 | 0.1 - 1.5 ng/ml    |
|                               |                 | Schwangerschaft:              |                    |
|                               |                 | 1. Trimenon                   | 13.0 - 44.0 ng/ml  |
|                               |                 | 2. Trimenon                   | 44.0 - 175.0 ng/ml |
| Östradiol                     | <b>55</b>       |                               | pg/ml              |
|                               |                 | Follikelphase                 | 22 - 215 pg/ml     |
|                               |                 | Ovulationsphase               | 191 - 572 pg/ml    |
|                               |                 | Lutealphase                   | 22 - 232 pg/ml     |
|                               |                 | Postmenopause                 | - 25 pg/ml         |
| Testosteron                   | <b>0.42</b>     | 0.06-0.86                     | ng/ml              |
| Androstendion                 | <b>1.86</b>     | 0.3-3.3                       | ng/ml              |
| DHEAS                         | <b>2.26</b>     | 1.48-4.07                     | μg/ml              |
| Sulfat (DHEAS)                |                 |                               |                    |
| 17-Hydroxy-Progesteron        | <b>0.27</b>     |                               | ng/ml              |
|                               |                 | Follikuläre Phase             | 0.4 - 1 ng/ml      |
|                               |                 | Lutealphase                   | 1.3 - 4.3 ng/ml    |
|                               |                 | Postmenopause                 | 0.2 - 1.4 ng/ml    |
| Cortisol im Serum             | <b>5.8</b>      |                               | μg/dl              |
|                               |                 | Morgen ( 7:50 bis 9:00 Uhr):  |                    |
|                               |                 | 9.4 - 23.9 μg/dl              |                    |

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- E R G E B N I S T E I L -

|                                   | R E S U L T A T  | REFERENZBEREICH | EINHEIT |
|-----------------------------------|------------------|-----------------|---------|
| <b>Elektrolyte/Spurenelemente</b> |                  |                 |         |
| Natrium                           | 140              | 135-145         | mmol/l  |
| Kalium                            | 4.20             | 3.5-5           | mmol/l  |
| Chlorid                           | 107              | 95-110          | mmol/l  |
| Kalzium                           | 2.48             | 2.10-2.65       | mmol/l  |
| Anorgan. Phosphat                 | 1.24             | 0.8-1.6         | mmol/l  |
| Kalzium-Phosphat-Produkt          | 3.08             |                 | mmol/l  |
| Produkt                           |                  |                 |         |
| Magnesium                         | 0.79             | 0.7-1           | mmol/l  |
| Eisen                             | 67               | 40-150          | µg/dl   |
| <b>Substrate/Metabolite</b>       |                  |                 |         |
| Kreatinin                         | 0.83             | < 1.2           | mg/dl   |
| Harnstoff-N                       | 7.4              | 6-25            | mg/dl   |
| Harnsäure                         | 4.6              | 2.5-6           | mg/dl   |
| Freies Hämoglobin                 | < 1              | < 4             | mg/dl   |
| Triglyzeride                      | 86               | 50-172          | mg/dl   |
| Cholesterin                       | 198              | 150-199         | mg/dl   |
| Bilirubin gesamt                  | 0.93             | 0.2-1           | mg/dl   |
| Bilirubin direkt                  | 0.18             | 0-0.25          | mg/dl   |
| Bilirubin indirekt                | 0.75             | 0-1             | mg/dl   |
| Protein ges.                      | 70.9             | 65-85           | g/l     |
| Albumin                           | 45.5             | 34-48           | g/l     |
| <b>Enzyme</b>                     |                  |                 |         |
| a-Amylase, ges.                   | 102              | + 28-100        | U/l     |
| Pankreas Amylase                  | 25               | 8-53            | U/l     |
| Lipase                            | 29               | 13-60           | U/l     |
| Alkal. Phosphatase                | 89               | 35-104          | U/l     |
| ASAT (GOT)                        | 34               | + < 31          | U/l     |
| ALAT (GPT)                        | 22               | < 34            | U/l     |
| gamma-GT                          | 16               | < 38            | U/l     |
| <b>Immunologie</b>                |                  |                 |         |
| Transferrin                       | 276.6            | 200-360         | mg/dl   |
| Transferrinsättigung errechnet    | 17.2             | 16-45           | %       |
| Ferritin                          | 25.8             |                 | µg/l    |
|                                   | prämenopausal :  | 10 - 140 µg/l   |         |
|                                   | postmenopausal : | 25 - 250 µg/l   |         |
| CRP C-reaktives Protein           | < 0.04           | < 1             | mg/dl   |

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**Komplettes Blutbild**

Erythrozyten 4.4 3.8-5.2 T/l

|                                       |           |           |      |
|---------------------------------------|-----------|-----------|------|
| Hämoglobin                            | 12.6      | 12.0-16.0 | g/dl |
| Hämatokrit                            | 36.9      | 35.0-47.0 | %    |
| Mittleres Zellvolumen (MCV)           | 83.3      | 78.0-98.0 | fl   |
| Mittleres Zellhäoglobin (MCH)         | 28.4      | 27.0-33.0 | pg   |
| Mittl. Korp. HGB. Konz. (MCHC)        | 34.1      | 32.0-36.0 | g/dl |
| Konzentration (MCHC)                  |           |           |      |
| RBC Verteilungsbreite                 | 13.8      | 11.0-16.0 | %    |
| Thrombozyten                          | 240       | 150-350   | G/l  |
| Mittleres Thrombozytenvolumen         | 9.4       | 7.0-13.0  | fl   |
| Leukozyten                            | 5.93      | 4.0-10.0  | G/l  |
| <b>Differentialblutbild(maschin.)</b> |           |           |      |
| Neutrophile                           | abs. 3.9  | 2.0-7.5   | G/l  |
| Neutrophile                           | rel. 66.0 | 50.0-75.0 | %    |
| Lymphozyten                           | abs. 1.6  | 1.0-4.0   | G/l  |
| Lymphozyten                           | rel. 26.5 | 25.0-40.0 | %    |
| Monozyten                             | abs. 0.3  | 0.0-1.2   | G/l  |
| Monozyten                             | rel. 4.9  | 0.0-12.0  | %    |
| Eosinophile                           | abs. 0.1  | 0.0-0.4   | G/l  |
| Eosinophile                           | rel. 2.4  | 0.0-4.0   | %    |
| Basophile                             | abs. 0.0  | 0.0-0.1   | G/l  |
| Basophile                             | rel. 0.2  | 0.0-1.0   | %    |

