



Freiburg Medical Laboratory Middle East (L.L.C)

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Physician:

Dr. M. Jaksch
Freiburg Medical Lab

Laboratory Report Online Version

Report Date: 27.04.2016

Patient Name: sample report fertility

Gender: Female
Date of Birth: 01.01.1982
Nationality:
Your ID:

Test Request Code: 1268
Sample ID:
Patient IDNo: 380022

Sampling Date / Time: 27.04.2016 / 15:07
Receipt Date / Time: 27.04.2016 / 15:07

Remarks:

Insurance:

Analysis	Result	Flag	Units	Reference Range
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Endocrinology (Serum)

Anti Muellierian Hormone (ECL)	2.40		ng/ml	see text
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Please note that our reference range has slightly changed (04.06.2015).

Significantly elevated AMH levels >7.50 are observed in PCO.

The AMH level was tested with the new Roche automated assay on the Cobas e601 platform.

Age related reference intervals in women (ng/ml):

20 - 29 years: 1.80 - 7.50
 30 - 34 years: 0.95 - 6.70
 35 - 39 years: 0.77 - 5.20
 40 - 44 years: 0.10 - 3.00
 45 - 50 years: 0.04 - 2.00

Antral Follicle Count	Roche AMH (ng/ml)
0 - 7	< 0.69
8 - 15	0.69 - 2.27
>15	> 2.27

Estradiol (ECL)	39.3		pg/ml
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Follicular phase: 13.0 - 166.0
 Ovulation phase: 86.0 - 498.0
 Luteal phase: 44.0 - 211.0
 Menopausal: 20.0 - 88.0
 Pregnancy (1.Trim): 300 - 7000
 (2.Trim): 1000 - 18000
 (3.Trim): 4000 - 18000

Note:

Our reference values are adjusted to age and gender.
Daily internal Quality Control within the required range (according to ISO 15189).

External Quality Control available on request.

^ non-accredited parameter

* This investigation has been performed in a collaborating accredited laboratory (Germany).

Techn. Validation by Amira Fahd Chief Technician (DHA-LS-241791)	Dr. Nehmat ElBanna Specialist Clinical Pathology (U/S) (DHA-P-0084548)	PD Dr. med. habil. M. Jaksch Associate Professor Medical Director (DHA-LS-240710)
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Under ovarian stimulation: up to 4000 FSH (ECL)	5.55		mIU/ml	
Follicular: 3.5-12.5 Ovulation: 4.7-21.5 Luteal: 1.7-7.7 Menopausal: 25.8-134.8 Under treatment: according to dosage				
LH (ECL)	3.9		mIU/ml	
Follicular: 2.4-12.6 Ovulation: 14.0-95.6 Luteal: 1.0-11.4 Menopausal: 7.7-58.5 Under treatment: according to dosage				
Progesterone (ECL)	0.32		ng/ml	
Follicular: 0.2-1.5 Ovulation: 0.8-3.0 Luteal: 1.7-27.0 Pregnancy: continuously increasing values up to 10 to 40fold Menopausal: 0.1-0.8				
Prolactin (ECLIA)	13.5		ng/ml	4.8 - 23.3
non pregnant: 4.8 - 23.3 ng/ml pregnant: 9.7 - 208.0 ng/ml				

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Techn. Validation by
Amira Fahd
Chief Technician
(DHA-LS-241791)

Dr. Nehmat ElBanna
Specialist
Clinical Pathology (U/S)
(DHA-P-0084548)

PD Dr. med. habil. M. Jaksch
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