

Article title: Determination of cortisol cut-off limits and steroid dynamics in ACTH stimulation (Synacthen®) test: A comparative analysis using Roche Elecsys Cortisol II immunoassay and LC-MS/MS

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Author names: Sema Okutan^{1,2}, Nanna Thurmann Jørgensen^{1,2}, Lars Engers Pedersen³, Stina Willemoes Borresen¹, Linda Hilsted⁴, Lennart Friis Hansen^{3,5}, Ulla Feldt-Rasmussen^{1,2}, Marianne Klose¹

Affiliations:

¹Department of Endocrinology and Metabolism, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark

²Department of Clinical Medicine, Faculty of Health and Medical Sciences, Copenhagen University, Copenhagen, Denmark

³Department of Clinical Biochemistry, Næstved, Slagelse and Ringsted Hospitals, Slagelse, Denmark

⁴Department of Clinical Biochemistry, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark

⁵Department of Clinical Biochemistry, Copenhagen University Hospital, Bispebjerg Hospital, Copenhagen, Denmark

Corresponding author's e-mail address: marianne.christina.klose.01@regionh.dk

Online Resource 2. The Spearman correlation coefficients for the associations between the body composition variables and baseline, 30- and 60-minute stimulated P-cortisol.

	BMI	P	WHR	P	ABD	P	TFM	P
LC-MS/MS								
Baseline								
Men	-0.078	0.6	0.018	0.9	0.24	0.4	0.20	0.5
Women	-0.11	0.4	-0.066	0.7	-0.29	0.2	-0.34	0.09
Post 30 min								
Men	0.14	0.4	0.30	0.07	0.33	0.2	0.29	0.3
Women	0.04	0.8	0.18	0.2	0.13	0.5	-0.026	0.9
Post 60 min								
Men	0.10	0.5	0.21	0.2	0.33	0.2	0.27	0.3
Women	0.04	0.8	0.33	0.05	0.11	0.6	-0.1	0.8
0 to 30 min								
Men	0.11	0.4	0.35	0.03	0.41	0.1	0.38	0.2
Women	0.25	0.08	0.33	0.02	0.60	0.001	0.52	0.007
30 to 60 min								
Men	-0.077	0.6	-0.14	0.4	-0.068	0.8	-0.15	0.6
Women	0.019	0.9	0.26	0.07	-0.19	0.4	-0.17	0.4
0 to 60 min								
Men	0.11	0.5	0.21	0.2	0.18	0.5	0.13	0.7
Women	0.24	0.09	0.46	0.001	0.54	0.005	0.47	0.02

Online Resource 2. The table shows the Spearman correlation coefficients and P-values (P) for each body composition factor; body mass index (BMI), waist-hip ratio (WHR), abdominal fat mass (ABD), and total fat mass (TFM) with cortisol at baseline, 30- and 60-minutes after ACTH stimulation, the cortisol increase from 0-30, 30-60, and 0-60 minutes with the body composition factors; BMI, WHR, ABD, and TFM. These data do not include women on oral contraceptives.