

LAB 1 Medisinsk Laboratorium
Elias Smiths Vei 10, 2nd floor

N 1337 Sandvika

Thank you for your request. We are reporting the following results:

INST: Synlab MolisXML PM Leinfelden - JIT LIVE INSTANZ / FID: 66 / OID: 35

Barcode:	Ext.-ID:	ID.-Nr.:	Page: 1 / 1
Patient:	Withdrawal:	Synlab MVZ	
Born:	Ent. date:	Leinfelden GmbH	
Gender:	Exit date:	Nikolaus-Otto-Str. 6	
Clinical remarks:	final report		70771 Leinfelden
Material: 1x urine			Phone +49 711-9033-0

Test:	Result	Unit	Ant. result	Reference range	Meth.
Creatinine in urine	1.34	g/l		0.20 - 1.90	PHO
Estrone (E1) in urine	▲ 64.77	µg/g crea		2.1 - 20.3	LCMS ²
2-hydroxyestrone (U)	11.38	µg/g Krea.		0.74 - 13.36	MS ²
2-methoxyestrone (U)	▼ 0.23	µg/g Krea.		0.29 - 2.97	MS ²
4-methoxyestrone (U)	0.29	µg/g crea		0.27 - 1.87	MS ²
16-hydroxyestrone (U)	6.43	µg/g crea		0.84 - 7.04	MS ²
4-hydroxyestrone (U)	0.35	µg/g crea		< 9.13	MS ²
2-/16-OH E1 ratio	1.77	Ratio		> 1.20	CALC ²

borderl.: 0.29 - 1.20

The 2-hydroxyestrone/16-hydroxyestrone Ratio describes the relationship between the positive oestrone metabolite 2 hydroxyestrone and the potentially negative oestrone metabolite 16-hydroxyestrone. Please note that this Ratio is not valid for 2OH- and 16OH estrone results within the normal range.

Methylation activity ratio	0.43	Ratio		> 0.15	CALC ²
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The methylation activity describes the ratio of 2- and 4-methoxyestrone to 2- and 4-hydroxyestrone.