Summary of methods used by participants (samples of plasma).

Nr	Methods	Technique	Internal stand.	CCα and CCß (ppb)
11	Hydrolysis Liquid/Liquid- extraction with TBME/PE (3:7), freeze out the water (lower) phase resolve the dry residue with buffer.	Radio-Immonu-Assay	-	Only sensitive for 17ß-E CCß = 0.04
15	Hydrolysis (Suc d'helix pomatia) 15 hours 52 °C Liquid extraction diethylether SPE ENVI Chrom P./SiOH HPLC fraction	GCMS/MS	17ß-Estradiol-d3	Information not available
16	SPE extraction Oasis / NH2 Coupled-column HPLC	LCMS – TSQ Quantum	17ß-Estradiol-d3	Information not available
19	Hydrolysis: (ß-glucuronidase/Aryl sulphatase) (2 hours pH= 5.2, 37 °C) SPE extraction C_{18} / NH_2 HPLC fraction	GCMS	17ß-Estradiol-d3	Not available
23	Time resolved fluoro immuno assay (Delfia estradiol kit)	-	Not used	17ß-Estradiol CCß=40
26	Liquid extraction with diethylether Samples were vortexed/freezed Supernatant was used. Derivatisation $MSTFA^{++}$	GCMS-MS (EI)	Equilinine (EQ)	CCß = 0.1
30	No Hydrolysis Extraction Extrelut (elution ethyl acetate) SPE extraction LiChrolut C18 Derivatisation HFBA	GCMS-EI	Nortestosterone-d3	17ß-Estradiol CCα = 0.02 CCß = 0.04
32	Liquid/liquid extraction TBME/PE	GCMS-EI	17ß-Estradiol-d3	17α-Estradiol CCα = 0.10 CCß = 0.26 17ß-Estradiol CCα = 0.05 CCß = 0.14
39	Liquid/liquid extraction TBME/PE Mixture Plasma with ether. Freeze the extract at -22 °C for 60 min. Decant the ether supernatant, Evaporate at 60 °C	Elisa-kit	17ß-Estradiol-d3	Information not available
40	Hydrolysis: (ß-glucuronidase/sulfatase) (2 hours, 37 °C) SPE extraction C18	GCMSD	Information not available	Information not available
41	Mixture Plasma with ether. Freeze the extract at -25 °C for 60 min. Decant the ether supernatant Evaporate at 60 °C	Elisa-kit	Information not available	CCß = 70 ppt
43	LLE with TBME SPE extraction C18/NH2	GCMS-NCI	Testosterone-d2	CCα = 0.2 CCß = 0.3

	LLE with hexane/dichlormethane			
44	Liquid-liquid, details not available. SPE extraction C18	GCMS-EI	17ß-Estradiol-d2	CCα = 0.07 CCß = 0.08