

Supplementary Table 1. Genotype agreement for HPV-positive samples between HPV-Risk assay and GP5+/6+-PCR for the different samplings

Sample type	Genotype HPV-Risk assay	Genotype GP5+/6+-PCR								total	Genotype agreement
		HPV16	HPV18	HPV Other	HPV16 and 18	HPV16 and Other	HPV18 and Other	HPV16, 18 and Other	HPV X (not typable) ^b		
Cervical scrapings	HPV16	33	-	-	-	-	-	-	-	33	identical: 98/106 (92.5%; 95%CI 85.6-96.2) compatible: 8/106 (7.5%; 95%CI 3.8-14.3) discordant: n.a. ^a
	HPV18	-	2	-	-	-	1	-	-	3	
	HPV Other	-	-	50	-	2	-	-	-	52	
	HPV16 and 18	1	-	-	2	-	-	-	-	3	
	HPV16 and Other	3	-	1	-	8	-	-	-	12	
	HPV18 and Other	-	-	-	-	-	3	-	-	3	
	Total	37	2	51	2	11	4	-	-	106	
Self-collected lavage samples	HPV16	8	-	-	-	2	-	-	1	11	identical: 29/36 (80.6%; 95%CI 64.5-90.4) compatible: 4/36 (11.1%; 95%CI 4.2-26.1) discordant: 3/36 (8.3%; 95%CI 2.7-22.9)
	HPV18	-	3	-	-	-	-	-	-	3	
	HPV Other	-	-	11	-	-	-	-	2	13	
	HPV16 and 18	-	-	-	1	-	-	-	-	1	
	HPV16 and Other	-	-	-	-	5	-	-	-	5	
	HPV18 and Other	-	-	1	-	-	1	1	-	3	
	Total	8	3	12	1	7	1	1	3	36	
Self-collected brush samples	HPV16	16	-	1	-	2	-	-	1	20	identical: 51/66 (77.3%; 95%CI 65.7-85.8) compatible: 11/66 (16.7%; 95%CI 9.5-26.7) discordant: 4/66 (6.0%; 95%CI 2.3-15.1)
	HPV18	-	2	-	-	-	-	-	1	3	
	HPV Other	-	-	27	-	-	-	-	2	29	
	HPV16 and 18	-	-	-	1	-	-	-	-	1	
	HPV16 and Other	4	-	3	-	2	-	-	-	9	
	HPV18 and Other	-	-	1	-	-	2	-	-	3	
	HPV16, 18, and Other	-	-	-	-	-	-	1	-	1	
	Total	20	2	32	1	4	2	1	4	66	

^a) n.a. = not applicable

Supplementary Table 2A. Intra-laboratory genotype agreement ^a

Genotype HPV-Risk assay Lab 1/test 1	Genotype HPV-Risk assay Lab 1/test 2					Total
	HPV16	HPV18	Other HPV	HPV16 and Other HPV	HPV18 and Other HPV	
HPV16	31	-	-	-	-	31
HPV18	-	9	-	-	-	9
Other HPV	-	-	80	-	-	80
HPV16 and Other HPV	-	-	-	23	-	23
HPV18 and Other HPV	-	-	1	-	11	12
Total	31	9	81	23	11	155

^a) Identical 154/155 (99.4%); compatible 1/155 (0.6%)

Supplementary Table 2B. Inter laboratory genotype agreement ^a

Genotype HPV-Risk assay Lab 1/test 1	Genotype HPV-Risk assay Lab 2						Total
	HPV16	HPV18	Other HPV	HPV16 and 18	HPV16 and Other HPV	HPV18 and Other HPV	
HPV16	28	-	-	-	1	-	29
HPV18	-	8	-	1	-	-	9
Other HPV	-	-	75	-	-	-	75
HPV16 and Other HPV	-	-	-	-	22	-	22
HPV18 and Other HPV	-	1	1	-	-	8	10
Total	28	9	76	1	23	8	145

^a) Identical 141/145 (97.2%); compatible 4/145 (2.8%)

Supplementary Table 3A. Genotype agreement of HPV-Risk assay between self-collected cervico-vaginal lavage specimen and concomitant clinician-taken scraping ^a

Genotype HPV-Risk assay Lavage self-sample	Genotype HPV-Risk assay clinician-taken scraping						Total
	HPV16	HPV18	Other HPV	HPV16 and Other HPV	HPV18 and Other HPV	HPV16 and 18	
HPV16	10	-	-	-	-	-	10
HPV18	-	3	-	-	-	-	3
Other HPV	-	-	11	-	-	-	11
HPV16 and Other HPV	-	-	-	5	-	-	5
HPV18 and Other HPV	-	-	1	-	2	-	3
HPV16 and 18	-	-	-	-	-	1	1
Total	10	3	12	5	2	1	33

^a) Identical 32/33 (97.0%); compatible 1/33 (3.0%)

Supplementary Table 3B. Genotype agreement of HPV-Risk assay between self-collected vaginal brush specimen and concomitant clinician-taken scraping ^a

Genotype HPV-Risk assay Brush self-sample	Genotype HPV-Risk assay clinician-taken scraping							Total
	HPV16	HPV18	Other HPV	HPV16 and Other HPV	HPV18 and Other HPV	HPV16 and 18	HPV16, 18, and Other HPV	
HPV16	16	-	-	3	-	-	-	19
HPV18	-	2	-	-	-	-	-	2
Other HPV	-	-	29	1	-	-	-	30
HPV16 and Other HPV	1	-	3	5	-	-	-	9
HPV18 and Other HPV	-	-	-	-	3	-	-	3
HPV16 and 18	-	-	-	-	-	1	-	1
HPV16, 18, and Other HPV	-	-	-	-	-	-	1	1
Total	17	2	32	9	3	1	1	65

^a) Identical 57/65 (87.7%); compatible 8/65 (12.3%)