



International HPV Reference Center
Sweden

EQUALIS

Professor Joakim Dillner

Global HPV DNA Proficiency Study 2017

Dr. Sven Tiews
MHC Laboratory for Cytopathology Dr. Steinberg GmbH
Im Stiftsfeld 1
Soest
Germany

We appreciate your participation in the Global HPV Proficiency Study.

Herewith, we enclose the results of your laboratory in the testing of the 2017 Global HPV DNA proficiency panel.

A test is regarded as proficient in typing if it can detect 50 International Units (IU) / 5 µl of HPV 16 and HPV 18 DNA, and 500 genome equivalents (GE) / 5 µl of the other HPV types included in the panel both in samples with single and multiple plasmids.

In addition, the specificity of the reported types should be >97 % (i.e. at most 1 false positive result).

Accordingly, your data set using the Onclarity assay is proficient for detection of HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59 and 68b.

Should you have any technical questions, please contact Dr Joakim Dillner at joakim.dillner@ki.se.

An overall summary report of this proficiency study will be prepared and sent to you in due course.

Sincerely Yours

Joakim Dillner

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Reg. nr.: SE202100297301



Annex 1: Your results in relation to the contents of the proficiency panel.

Panel ID	HPV type(s) in the panel	Content (IU or GE per 5 µl)	Your results Onclarity 40 µl input volume
1	56	500	56/59/66
2	18	50	18
3	35, 56, 59, 68a	50	35/39/68; 56/59/66
4	31	50	31
5	59	500	56/59/66
6	35	50	35/39/68
7	11, 31, 33, 58	500	31; 33/58
8	51	50	51
9	68b	50	35/39/68
10	33	50	33/58
11	negative	0	NEGATIVE
12	39	50	35/39/68
13	68a	500	NEGATIVE
14	6, 16, 18, 51	500	16; 18; 51
15	6	500	NEGATIVE
16	56	50	59/56/66
17	45	500	45
18	39, 45, 52, 68b	50	35/39/68; 45; 52
19	16	50	16
20	11	50	NEGATIVE
21	52	50	52
22	58	50	33/58
23	35, 56, 59, 68a	500	35/39/68; 56/59/66
24	6	50	NEGATIVE
25	51	500	51
26	59	50	56/59/66
27	6, 16, 18, 51	50	16; 18; 51
28	39	500	35/39/68
29	68a	50	NEGATIVE
30	35	500	35/39/68
31	16	5	16
32	39, 45, 52, 68b	500	35/39/68; 45; 52
33	31	500	31
34	52	500	52
35	18	5	18
36	68b	500	35/39/68
37	45	50	45

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38	11, 31, 33, 58	50	31; 33/58
39	58	500	33/58
40	33	500	33/58
41	11	500	NEGATIVE
A	16	25	16
B	none	0	NEGATIVE
C	16	2500	16

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