**SUPPLEMENTARY INFORMATION FOR:**

**Evaluation of the Novaplex II HPV28 Detection Assay for HPV Typing in Formalin-Fixed Paraffin-Embedded Tissues**

Hem R. Thapa1, Elizabeth R. Unger1, and Troy D. Querec1

1. Division of High-Consequence Pathogens and Pathology, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, GA, USA

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**Running head**: Novaplex assay for HPV typing in FFPE tissues

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Address correspondence to Troy D. Querec, Ph.D. at hep0@cdc.gov or Hem R. Thapa, Ph.D. at qkt1@cdc.gov, Division of High-Consequence Pathogens and Pathology, Centers for Disease Control and Prevention, 1600 Clifton Rd NE, H23-4, Atlanta, GA 30329.

**Table S1** LA & LiPA Testing Algorithm for interpretation of typing results from reference assay

|  |  |  |  |
| --- | --- | --- | --- |
| **LA Result**  | **LiPA Result**  | **Final Result** | **Reported Assay** |
| HPV positive | Not applicable | HPV positive | LA |
| HPV negative | HPV positive | HPV positive | LiPA |
| HPV negative | HPV negative | LA |
| Inadequate | HPV positive | HPV positive | LiPA |
| HPV negative | Inadequate | LA |

**Table S2** Formulae used for calculations in this study

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
|  Reference test |
| Evaluated Test |  | + | - |
| + | ***A*** | ***B*** |
| - | ***C*** | *D* |

 | **Proportion Discrepant Types**  | **Positive Agreement** | **Negative Agreement** | **Accuracy** | **Positive Concordance** |
|

|  |  |
| --- | --- |
| *A* | *B* |
| *C* | *D* |

 | $$\frac{C+B}{A+B+C+D}$$ | $$\frac{A}{A+C}$$ | $$\frac{D}{B+D}$$ | $$\frac{A+D}{A+B+C+D}$$ | $$\frac{A}{A+B+C}$$ |

A, B, C and D correspond to number of HPV positive, or HPV negative samples determined by each HPV assay