



EXPERTTEAM

l'esperienza in
biologia molecolare

HPV HR/LR 23 TYPES DETECTION KIT R

cod. **PL.04RQ**

INTRODUCTION

The Human Papillomavirus is the most common sexually transmitted infection affecting millions worldwide with more than 120 known types of HPV. In approximately 90% of individuals HPV infection results asymptomatic and usually clears up without the need of any medical intervention. However, a small portion of the infections can persist and progress into cervical cancer which is the second most common cancer in women, after breast cancer.

Cervical cancer has been shown to be highly preventable when cytological and HPV screening programs are employed to facilitate early detection and treatment of pre-cancerous lesions. In particular, the development of HPV DNA testing and genotyping has led to more effective screenings for HPV and cervical carcinoma.

PRINCIPLE OF THE ASSAY

The PL.04RQ is intended for the detection of 23 types of High Risk and Low Risk (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68, 6, 11, 26, 53, 67, 70, 73, 81,82) sexually transmitted HPV by RT-qPCR from cervical cells samples.

The RT-qPCR for the detection of the 23 HPV types utilizes TaqMan technology (FAM, HEX and ROX probes) and is compatible with Real Time PCR Systems 7000/7300/7500, Step One / Step One Plus, QS7 Flex System (Applied Biosystems®) and BioRad's CFX96 instrument

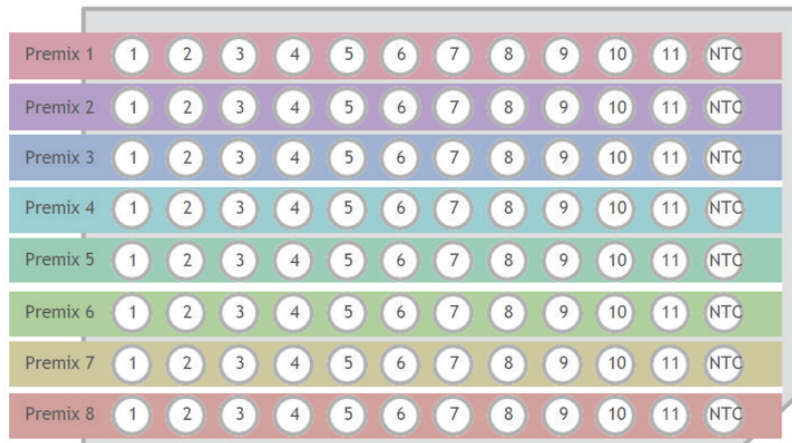
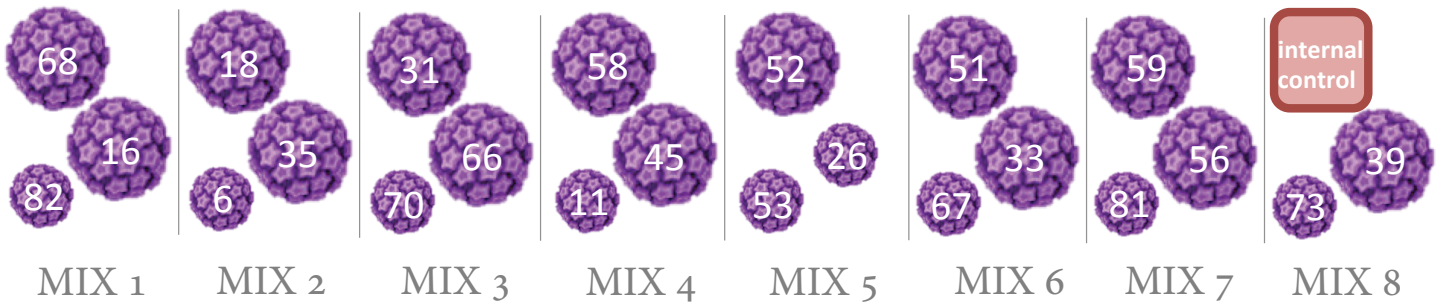




EXPERTEAM



l'esperienza in
biologia molecolare



SPECIFICATIONS

- CE mark
- Internal amplification control
- 25 reactions per kit
- Up to 11 samples on a 96-well plate



EXPERTEAM srl

Via della Libertà 12 - 30175 Marghera Venezia

Tel. +39 041 509 3101 -Fax +39 041 509 3102

www.experteam.it

Commercial information Italy:

commerciale@experteam.it

Foreign trade information:

sales@experteam.it

Italian and foreign technical support: supportotecnico@experteam.it