

## F-HPV typing™ Kit

### Quick PCR set up Protocol

Thaw **F-HPV typing™** vial and mix thoroughly by vortexing a few seconds.  
Aliquot PCR mix in each PCR tube in accordance with the table below:

PCR Mix	20 µl
Extracted DNA	5µl
Final PCR Volume	<b>25 µl</b>

**F-HPV typing™** mix can be stored as ready-to-use 20 µl aliquots in PCR tubes.

**Warning:** In order to avoid possible contamination, **F-HPV typing™** mix must be aliquoted in the PCR area with dedicated pipettes and filtered tips. One drop of mineral oil on each PCR tube will also reduce the risk of contamination by amplicons generated in the previous PCR.

### Performing PCR

In order to increase the PCR specificity, Hot Start Taq Polymerase is included in the reaction buffer. The enzyme is totally inactive at room temperature. This allows easy set-up of PCR reaction without ice. Activation is achieved with 15 min. hold at 95°C.

**1** Program the Thermalcycler according to the following parameters:

Taq Activation	Denaturation	Annealing	Extension	Final extension	Storage
<b>Hold</b>	<b>35 Cycles</b>			<b>Hold</b>	<b>Hold</b>
95°C 15 min.	95°C 30 sec.	64°C 30 sec.	72°C 30 sec.	60°C 10 min.	4-20°C ∞

**2** Place tubes in Thermalcycler and close the lid.  
**3** Start the PCR.

**Warning:** After PCR is completed, tubes should never be opened in the PCR set-up area. This is essential in order to avoid contamination at any future PCR amplification.