

Data Sheet

NAME: OLA Kit For The Detection of HIV-1 Resistance Mutations to NRTI

REPOSITORY REFERENCE: ARP965

STORAGE: -20°C

SOURCE: Ingrid Beck, Dr.Lisa Frenkal (courtesy of NIH AIDS Research and reference Reagent Programme.)

ACKNOWLEDGEMENTS: Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at <http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html> in the “Acknowledgements” section.
Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

The OLA Kit contains plasmid DNAs, primers, codon-specific oligonucleotides and control genomic DNA as follows:

❖ **6 plasmid DNAs (5ng/vial, lyophilized)**

Reagent Name

p8E5
p3TC
pRTMC
pMDRI
p151M
p65R

❖ **6 primers (1300 of 400 pmol/vial, lyophilized)**

Reagent Name

RTA (1300 pmol/vial)
RTB (1300 pmol/vial)
PRA (1300 pmaol/vail)
PRB (1300 pmol/vial)
PRC (400 pmol/vial)
RT3 (400 pmol/vial)

❖ **13 codon-specific oligonucleotides (40 or 80 pmol/vial, lyophilized)**

Reagent Name

cod 184 mut (40 pmol/vial)
cod 184 wt (40 pmol/vial)
cod 184 common (40 pmol/vial)
cod 215 mutF (40 pmol/vial)
cod 215 mutY (40 pmol/vial)
cod 215 wt (40 pmol/vial)
cod 215 common (40 pmol/vial)
cod 151 common (40 pmol/vial)
cod 151 wt (40 pmol/vial)
cod 151 mut (40 pmol/vial)
cod 65 wt (80 pmol/vial)
cod 65 common (80 pmol/vial)
cod 65 mut (80 pmol/vial)

❖ **1 control genomic DNA (10 HIV-1 copies/μl)**

Reagent Name

8E5 Cell DNA PCR Sensitivity Control (20 μl/vial)