

Data Sheet

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

REPOSITORY REFERENCE : ARP967

STORAGE : -20°C

SOURCE : Ingrid Beck, Dr. Lisa Frenkel (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:

- ❖ 8 plasmid DNAs (5ng/vial, lyophilized)

Reagent Name

p30N-88D
p50V
p82A
p82S
p82T-90M
p84V
p8E5
p90M

- ❖ 6 primers (1300 or 400 pmol/vial, lyophilized)

Reagent Name

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

❖

❖

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

Reagent Name

cod 30 mut (80 pmol/vial)
cod 30 wt (40 pmol/vial)
cod 30 common (40 pmol/vial)
cod 50 mut (40 pmol/vial)
cod 50 wt (40 pmol/vial)
cod 50 common (40 pmol/vial)
cod 82 mutA (80 pmol/vial)
cod 82 mutS (80 pmol/vial)
cod 82 mutT (80 pmol/vial)
cod 82 wt (80 pmol/vial)
cod 82 common (80 pmol/vial)
cod 84 mut (40 pmol/vial)
cod 84 wt (80 pmol/vial)
cod 84 common (40 pmol/vial)
cod 88 mut (80 pmol/vial)
cod 88 wt (40 pmol/vial)
cod 88 common (80 pmol/vial)
cod 90 mut (80 pmol/vial)
cod 90 wt (80 pmol/vial)
cod 90 common (80 pmol/vial)

❖

❖

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

Reagent Name

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