



NIH AIDS Research & Reference Reagent Program

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DATA SHEET

Reagent: OLA Kit for the Detection of HIV-1 Resistance Mutations to Protease Inhibitors.

Catalog Number: 7643

Lot Number: 3

Provided: Each kit contains plasmid DNAs, primers, codon-specific oligonucleotides and control genomic DNA (see Tables below)

Description: Used for the detection of resistance mutations to nucleoside reverse transcriptase inhibitors (abacavir, didanosine, lamivudine, stavudine, tenofovir, zalcitabine, zidovudine).

Recommended Storage: -20°C

Contributor: Dr. Ingrid Beck, Dr. Lisa Frenkel, and DAIDS, NIAID.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH: OLA Kit, Protease Inhibitors (Cat#7643) from Drs. Ingrid Beck and Lisa Frenkel."

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- 1 control genomic DNA (10 HIV-1 copies/ μ l, 20 μ l):

<u>Catalog #</u>	<u>Reagent Name</u>	<u>Lot#</u>
6880	8E5 Cell DNA PCR Sensitivity Control	020001

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

<u>Catalog #</u>	<u>Reagent Name</u>	<u>Lot#</u>
6475	p30N-88D	011305
6476	p50V	011306
6477	p82A	011307
6478	p82S	011308
6479	p82T-90M	011309
6480	p84V	011657
6481	p8E5	011311
6879	p90M	020466

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

<u>Catalog #</u>	<u>Reagent Name</u>	<u>Lot#</u>
6482	cod 30 mut (80 pmol/vial)	011312
6483	cod 30 wt (40 pmol/vial)	011313
6484	cod 30 common (40 pmol/vial)	011314
6485	cod 50 mut (40 pmol/vial)	011315
6486	cod 50 wt (40 pmol/vial)	011316
6487	cod 50 common (40 pmol/vial)	011317
6488	cod 82 mutA (80 pmol/vial)	011318
6489	cod 82 mutS (80 pmol/vial)	011319
6490	cod 82 mutT (80 pmol/vial)	011320
6491 (3 vials)	cod 82 wt (80 pmol/vial)	060811
6492 (3 vials)	cod 82 common (80 pmol/vial)	060812
6493	cod 84 mut (40 pmol/vial)	011323
6494	cod 84 wt (80 pmol/vial)	011324
6495	cod 84 common (40 pmol/vial)	011325
6496	cod 88 mut (80 pmol/vial)	011326
6497	cod 88 wt (40 pmol/vial)	011327
6498	cod 88 common (80 pmol/vial)	011328
6499	cod 90 mut (80 pmol/vial)	011329
6500	cod 90 wt (80 pmol/vial)	011330
6501	cod 90 common (80 pmol/vial)	011331

- 7 primers:

<u>Catalog #</u>	<u>Reagent Name</u>	<u>Lot#</u>
6887	RTA (1300 pmol/vial, lyophilized)	020019
6889	PRA (1300 pmol/vial, lyophilized)	020021
6890	PRB (1300 pmol/vial, lyophilized)	021053
6891	PRC (400 pmol/vial, lyophilized)	020023
6892	RT3 (400 pmol/vial, lyophilized)	020024
9400	IBR1 (1375 pmol/vial, lyophilized)	050002
9401	IBR2 (1549 pmol/vial, lyophilized)	050003

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.