



Product Information Sheet for HRP-13467

Panel of International Human Immunodeficiency Virus Type 1 (HIV-1) Env Clones

Catalog No. HRP-13467

Lot No. 70058505

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

NIH HIV Reagent Program

Product Description:

HRP-13467 is a panel of 56 human immunodeficiency virus type 1 (HIV-1) Env expression vectors. The vector used is pcDNA™3.1/V5-His TOPO™ and is ampicillin resistant.¹ Information on each plasmid included in this panel is shown in Table 1.

Please refer to the appropriate data sheet for lot-specific information.

Note: Plasmids were propagated in STBL3 cells and can be propagated in other competent cells grown at 37°C. Larger plasmids may benefit from growth at 30°C. These clones are available as a panel, but they can also be ordered individually by catalog number.

Material Provided:

HRP-13467 is a set of 56 vials, each containing approximately 5 µg/vial of dried, purified DNA stabilized in DNASTable® Plus. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents on the NIH HIV Reagent Program webpage.

Packaging/Storage:

HRP-13467 was packaged aseptically in screw-capped plastic cryovials. The product should be stored at room temperature in a dry storage cabinet or in a moisture barrier bag.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through the NIH HIV Reagent Program, NIAID, NIH: Panel of International Human Immunodeficiency Virus Type 1 (HIV-1) Env Clones, HRP-13467, contributed by

Dr. Sodsai Tovanabutra.” Also include the references cited above in any publications.

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the NIH HIV Reagent Program Material Transfer Agreement (MTA). The MTA is available on our Web site at www.hivreagentprogram.org.

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NIH HIV Reagent Program

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References:

1. Brown, B. K., et al. "Cross-clade Neutralization Patterns among HIV-1 Strains from the Six Major Clades of the Pandemic Evaluated and Compared in Two Different Models." *Virology*. 375 (2008): 529-538. PubMed: [18433824](#).

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Table 1: Panel of International Human Immunodeficiency Virus Type 1 (HIV-1) Env Clones

Catalog No.	HIV-1 Env Expression Vector	Lot No.	Origin	Subtype	Year	GenBank Accession	Alternative Names
ARP-13468	92/UG/029.ec1	190228	Uganda	A	1992	MK501559	
ARP-13469	93/RW/024.ec5	190229	Rwanda	A	1993	MK501561	
ARP-13470	KER2008.vrc12	190230	Kenya	A	2000	MK501584	
ARP-13471	KER2018.ec1	190231	Kenya	A	2000	MK501585	
ARP-13472	KNH1088.ec5	190178	Kenya	A	1999	MK501586	
ARP-13473	KNH1135.ec8	190274	Kenya	A	2000	MK501587	
ARP-13474	KNH1209.vrc26	190216	Kenya	A	2000	MK501589	
ARP-13475	KSM4030.ec8	190179	Kenya	A	2000	MK501590	
ARP-13476	33931N.ec9	190255	USA	B	1994	MK501554	
ARP-13477	873.ec3	190180	USA	B	1990	MK501558	
ARP-13478	Bal.ec1	190282	USA	B	1985	MK501565	
ARP-13479	BK132.ec3	190181	Thailand	B	1990	MK501566	
ARP-13480	BX08.ec5	190182	France	B	1992	MK501567	
ARP-13481	BZ167.ec9	190256	Brazil	B	1989	MK501568	
ARP-13482	MN-P.ec3	190283	USA	B	1984	MK501591	
ARP-13483	NP1538.ec2	190183	Thailand	B	1996	MK501596	
ARP-13484	US1.ec6	190257	USA	B	1991	MK501602	
ARP-13485	US4.ec8	190284	USA	B	1991	MK501603	
ARP-13486	20635-4.ec4	190275	India	C	1994	MK501553	
ARP-13487	93/MW965.ec5	190258	Malawi	C	1993	MK501560	
ARP-13488	TZBD 9/11.vrca	190259	Tanzania	C	2001	MK501601	
ARP-13489	TZA246.ec2	190184	Tanzania	C	2000	MN498126	
ARP-13490	57128.vrc15	190185	Uganda	D	1998	MK501557	
ARP-13491	93/UG/065.ec3	190285	Uganda	D	1993	MK501562	
ARP-13492	A03349M1	190232	Uganda	D	1999	MK501563	
ARP-13493	A07412M1.vrc12	190276	Uganda	D	1999		
ARP-13494	A08483M1.vrc09a	190260	Uganda	D	1999	MK501564	
ARP-13495	D26830.ec1	190277	Uganda	D	2000		
ARP-13496	E08364M4.ec3	190186	Uganda	D	2000	MK501580	
ARP-13497	E13613M4.ec2	190278	Uganda	D	2000	MK501581	
ARP-13498	NKU3006.ec1	190261	Kenya	D	2000	MK501595	
ARP-13499	0503M02138.ec1	190262	Thailand	AE	1996	MK501552	



Catalog No.	HIV-1 Env Expression Vector	Lot No.	Origin	Sub type	Year	GenBank Accession	Alternative Names
ARP-13500	CM235.ec5	190263	Thailand	AE	1990	MK501576	
ARP-13501	CM240.ec1	190279	Thailand	AE	1990	MK501577	
ARP-13502	CM244.ec1	190280	Thailand	AE	1990	MK501578	
ARP-13503	NI1046.ec3	190264	Thailand	AE	1996	MK501592	
ARP-13504	NI1052.ec2	190265	Thailand	AE	1999	MK501593	
ARP-13505	NI1149.ec1	190233	Thailand	AE	1996	MK501594	
ARP-13506	NP1695.ec2	190234	Thailand	AE	1997	MK501597	
ARP-13507	CAM0002BBY.ec2	190235	Cameroon	AG	2001	MK501569	
ARP-13508	CAM0005BBY.ec3	190236	Cameroon	AG	2001	MK501570	
ARP-13509	CAM0008BBY.ec1	190237	Cameroon	AG	2001	MK501571	
ARP-13510	CAM0013BBY.ec1	190238	Cameroon	AG	2002	MK501572	
ARP-13511	CAM0014BBY.ec2	190239	Cameroon	AG	2002	MK501573	
ARP-13512	CAM0015BBY.ec2	190240	Cameroon	AG	2002	MK501574	
ARP-13513	CAM1475 MV.ec6	190288	Cameroon	AG	2001	MN498127	
ARP-13514	CAM1970 LE.ec6	190241	Cameroon	AG	2002	MK501575	
ARP-13515	DJ263.ec3	190242	Djibouti	AG	1991	MK501579	
ARP-13516	TZA125.vrca	190243	Tanzania	C	2000	MK501600	
ARP-13517	56313.ec2	190244	USA	C	1998	MK501556	98US_MSC5016
ARP-13518	GS-015.ec12	190245	Senegal	C	1990	MK501582	90SE_364
ARP-13519	GS-016.ec1	190246	Somalia	C	1989	MK501583	89SM_145
ARP-13520	PBL286(696).vrc36a	190247	Ethiopia	C	2002	MK501598	02ET_14
ARP-13521	PBL288(411).vrc38a	190248	Ethiopia	C	2002	MK501599	02ET_288
ARP-13522	55815.ec3	190249	USA	AG	1998	MK501555	98US_MSC5007
ARP-13523	KNH1144	190281	Kenya	A	2000	MK501588	