

Pox Virus Materials

BEI Resources offers several pox virus strains from the Orthopoxvirus genus and a variety of related research materials such as nucleic acids extracted from virus strains, ready to use panels/kits, antibodies, peptide arrays and recombinant proteins. Below are examples of our holdings. See our online catalog at www.beiresources.org for a complete listing of the materials available to order and for their detailed descriptions.

Pox Viruses

Description	Designation	BEI No.
Vaccinia Virus	Modified Vaccinia Ankara (MVA)	NR-1
Monkeypox Virus	WRAIR 7-61	NR-27
Vaccinia Virus	Lister (Elstree)	NR-51
Vaccinia Virus	IHD	NR-52
Vaccinia Virus	Lederle-Chorioallantoic	NR-53
Vaccinia Virus	New York City Board of Health (Wyeth, Calf adapted)	NR-54
Vaccinia Virus	Western Reserve (NIAID, Tissue culture adapted)	NR-55
Vaccinia Virus	Western Reserve (Mouse adapted)	NR-56
Cowpox Virus	Brighton Red	NR-88
Vaccinia Virus	MVA/S, Recombinant Expressing SARS CoV Spike (S) Protein	NR-623
Vaccinia Virus	VV.NP-S-EGFP, Recombinant Expressing Enhanced GFP	NR-624
Vaccinia Virus	Modified Vaccinia Ankara (MVA), From BHK-21 Cells	NR-726
Vaccinia Virus	Modified Vaccinia Ankara (MVA), From BHK-21 Cells, Purified	NR-727
Vaccinia Virus	vSC56, Recombinant Expressing Beta-Galactosidase	NR-793
Monkeypox Virus	Zaire 79 (V79-I-005)	NR-2324
Monkeypox Virus	USA-2003	NR-2500
Cowpox Virus	Brighton Red Recombinant Expressing Enhanced GFP	NR-9597

DNA from Pox Viruses

Description	BEI No.
Genomic DNA from Vaccinia Virus, Modified Vaccinia Ankara (MVA)	NR-2634
Genomic DNA from Vaccinia Virus, Lister (Elstree)	NR-2635
Genomic DNA from Vaccinia Virus, IHD	NR-2636
Genomic DNA from Vaccinia Virus, Lederle-Chorioallantoic	NR-2637
Genomic DNA from Vaccinia Virus, NY City Board of Health (Wyeth, Calf adapted)	NR-2638
Genomic DNA from Vaccinia Virus, Western Reserve (NIAID, TC adapted)	NR-2639
Genomic DNA from Vaccinia Virus, Western Reserve (Mouse adapted)	NR-2640
Genomic DNA from Cowpox Virus, Brighton Red	NR-2641
Genomic DNA from Monkeypox Virus, WRAIR 7-61	NR-3071

Assays and Panels

Description	BEI No.
Pan-Orthopox Virus E9L Gene-Specific Quantitative PCR Assay Detection Kit	NR-9350
Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Assay Detection Kit	NR-9351
Nucleic Acid Panel, Vaccinia Virus	NR-12313

Unique Molecular Reagents for Pox Viruses

Description	BEI No.
Plasmid Containing a Segment of the E9L Gene from Vaccinia Virus	NR-9343
Pan-Ortho Pox E9L Gene-Specific Quantitative PCR Probe	NR-9344
Pan-Orthopox Virus E9L Gene-Specific Quantitative PCR Forward Primer	NR-9345
Pan-Orthopox Virus E9L Gene-Specific Quantitative PCR Reverse Primer	NR-9346
Plasmid Containing Hemagglutinin Gene from Monkeypox Virus, Zaire 79	NR-4076
Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Probe	NR-9347
Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Forward Primer	NR-9348
Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Reserve Primer	NR-9349
Rabbitpox Virus, Quantitative PCR Forward Primer	NR-26769*
Rabbitpox Virus, Quantitative PCR Reverse Primer	NR-26770*
Rabbitpox Virus, Quantitative PCR Probe	NR-26771*
Cowpox Virus B9R Gene specific Quantitative PCR Forward Primer	NR-26772*
Cowpox Virus B9R Gene specific Quantitative PCR Reverse Primer	NR-26773*
Cowpox Virus B9R Gene specific Quantitative PCR Probe	NR-26774*
Plasmid Containing a Segment of the B9R Gene from Cowpox Virus	NR-26775*
Plasmid Containing a Segment of Rabbitpox Virus	NR-26776*

*Coming Soon

Recombinant Proteins and Peptide Arrays

Description	BEI No.
Vaccinia Virus, A33R Protein with C-terminal Histidine Tag, Recombinant from Baculovirus	NR-545
Vaccinia Virus, B5R Protein with N-terminal Histidine Tag, Recombinant from Baculovirus	NR-546
Peptide Arrays, HLA Supertype A and B Epitopes of Vaccinia Virus Proteins	NR-4057
Variola Major Virus (Bangladesh-1975) M1R Protein, Recombinant from Baculovirus	NR-10501

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