



LIST OF BIOLOGICAL AGENTS AND TOXINS

Important Points to Note:

1. All biological agents and toxins in this list are regulated under the Biological Agents and Toxins Act (BATA) and a valid import/tranship permit is required for their importation/transshipment.
2. This list contains the HSA product codes and HS Codes required for import/tranship permit applications for the corresponding biological agents and toxins.
3. This list is non-exhaustive and if you are importing any biological agents or microbial toxins which are harmful to human health but are not found in this list, please use DUMMY PRODUCT CODE and/or approach HSA Biosafety and Health Support Services Division at HSA_BATA_Enquiries@hsa.gov.sg for further advice.

DESCRIPTION	HSA PRODUCT CODE	CORRESPONDING AVS PRODUCT CODE	HS CODE
FIRST SCHEDULE PART I			
<u>BACTERIA</u>			
1. <i>BRUCELLA CANIS</i>	MOHHP3BBRUCCAN01		30024900
2. <i>CHLAMYDIA PSITTACI</i> (AVIAN STRAINS) ¹	MOHHP3BCHLAPSI01	VVP0B3CHLPSIB	30024900
3. <i>MYCOBACTERIUM CANETTII</i>	MOHHP3BMYCOCAN01		30024900
4. <i>MYCOBACTERIUM AFRICANUM</i>	MOHHP3BMYCOAFR01		30024900
5. <i>MYCOBACTERIUM BOVIS</i> (NON-BCG STRAINS) ¹	MOHHP3BMYCOBOV01	VVP0B3MYCBOVB	30024900
6. <i>MYCOBACTERIUM MICROTI</i>	MOHHP3BMYCOMIC01		30024900
7. <i>MYCOBACTERIUM TUBERCULOSIS</i>	MOHHP3BMYCOTUB01		30024900
8. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY BACTERIUM SET OUT IN THIS PART	MOHHP3BCNSTRCT01	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900
<u>FUNGI</u>			
1. <i>BLASTOMYCES DERMATITIDIS</i>	MOHHP3FBLASDER01		30024900
2. <i>COCCIDIOIDES IMMITIS</i>	MOHHP3FCOCCIMM01		30024900
3. <i>COCCIDIOIDES POSADASII</i> , EXCEPT FOR THE FOLLOWING ATTENUATED STRAINS (A) ΔCHS5; AND (B) ΔCTS2/ΔARD1/ΔCTS3	MOHHP3FCOCCIPO01		30024900
4. <i>HISTOPLASMA CAPSULATUM</i> VAR. <i>CAPSULATUM</i> ¹	MOHHP3FHISTCAP01	VVP0F3HISCAPC	30024900
5. <i>HISTOPLASMA CAPSULATUM</i> VAR. <i>DUBOISII</i> ¹	MOHHP3FHISTCAP01	VVP0F3HISCAPD	30024900
6. <i>PARACOCCIDIOIDES BRASILIENSIS</i>	MOHHP3FPARABRA01		30024900

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DESCRIPTION	HSA PRODUCT CODE	CORRESPONDING AVS PRODUCT CODE	HS CODE
7. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY FUNGUS SET OUT IN THIS PART	MOHHP3FCNSTRCT01	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900
<u>VIRUSES</u>			
1. ARENAVIRIDAE			
(A) FLEXAL VIRUS	MOHHP3VARENFLE01		30024900
(B) LCM-LASSA COMPLEX VIRUSES (EXCEPT LASSA VIRUS)	MOHHP3VARENOTH01		30024900
(C) LYMPHOCYTIC CHORIOMENINGITIS VIRUS ¹	MOHHP3VARENLYM01	VVP0V3ARELCVV	30024900
(D) MOPEIA VIRUS	MOHHP3VARENMOP01		30024900
2. BUNYAVIRIDAE			
(A) AKABANE VIRUS	MOHHP3VBUNYAKA01		30024900
(B) BHANJA VIRUS	MOHHP3VBUNYBHA01		30024900
(C) CALIFORNIA ENCEPHALITIS VIRUS	MOHHP3VBUNYCAL01		30024900
(D) HANTAVIRUSES			
I. HANTAAN VIRUS ¹	MOHHP3VBUNYHAN01	VVP0V3BUNHANV (HANTAAN 76-118)	30024900
II. SEOUL VIRUS ¹	MOHHP3VBUNYSEO01	VVP0V3BUNSEOV (SEOUL 80-39)	30024900
III. SIN NOMBRE VIRUS ¹	MOHHP3VBUNYSIN01	VVP0V3BUNSINV (SIN NOMBRE)	30024900
IV. OTHER HANTAVIRUSES ¹	MOHHP3VBUNYOTH01	VVP0V3BUNBELV (DOBRAVA - BELGRADE) VVP0V3BUNTULV (TULA VIRUS)	30024900
(E) HEARTLAND VIRUS	MOHHP3VBUNYHRT01		30024900
(F) NAIROBI SHEEP DISEASE VIRUS ¹	MOHHP3VNAISHEP01	VVP0V3BUNNSDV	30024900
(G) SEVERE FEVER THROMBOCYTOPENIA SYNDROME VIRUS	MOHHP3VBUNYSFT01		30024900
(H) OROPOUCHE VIRUS	MOHHP3VBUNYORO01		30024900

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3. FLAVIVIRIDAE			
(A) JAPANESE ENCEPHALITIS VIRUS ¹ (EXCEPT FOR THE VACCINE STRAIN 14-14-2 VIRUS)	MOHHP3VFLAVJAP01	VVP0V3FLAJEVV	30024900
(B) LOUPING ILL VIRUS	MOHHP3VFLAVLOU01		30024900
(C) MURRAY VALLEY ENCEPHALITIS VIRUS ¹	MOHHP3VFLAVMUR01	VVP0V3FLAMVEV	30024900
(D) NEGISHI VIRUS	MOHHP3VFLAVNEG01		30024900
(E) POWASSAN VIRUS	MOHHP3VFLAVPOW01		30024900
(F) ROCIO VIRUS	MOHHP3VFLAVROC01		30024900
(G) ST. LOUIS ENCEPHALITIS VIRUS	MOHHP3VFLAVSTL01		30024900
(H) WESSELSBRON VIRUS	MOHHP3VFLAVWES01		30024900
(I) WEST NILE VIRUS ¹	MOHHP3VFLAVWES02	VVP0V3FLAWNvv	30024900
4. HERPESVIRIDAE			
(A) HERPESVIRUS ATELES	MOHHP3VHERPATE01		30024900
5. ORTHOMYXOVIRIDAE			
(A) DHORI VIRUS	MOHHP3VORTHDH001		30024900
(B) INFLUENZA A VIRUS SUBTYPE H5N1 ¹	MOHHP3VORTHPAI01	VVP0V3ORTPAIV (H5 AND H7)	30024900
(C) INFLUENZA A VIRUS SUBTYPE H7N9 ¹	MOHHP3VORTHPAI03	VVP0V3ORTPAIV (H5 AND H7)	30024900
(D) THOGOTO VIRUS	MOHHP3VORTHTHO01		30024900
6. PICORNAVIRIDAE			
(A) POLIOVIRUS, EXCEPT FOR THE FOLLOWING VACCINE STRAINS			
I. SABIN TYPE-1	MOHHP3VPICOPOL01		30024900
II. SABIN TYPE-2			
III. SABIN TYPE-3			
7. REOVIRIDAE			
(A) ORUNGO VIRUS	MOHHP3VREOORUN01		30024900
8. RETROVIRIDAE			
(A) HUMAN IMMUNODEFICIENCY VIRUS (HIV) TYPES 1 AND 2	MOHHP3VRETRHUM01		30024900

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DESCRIPTION	HSA PRODUCT CODE	CORRESPONDING AVS PRODUCT CODE	HS CODE
(B) HUMAN T LYMPHOTROPIC VIRUS (HTLV) TYPES 1 AND 2	MOHHP3VRETRHUM02		30024900
(C) NON-ADVANCED HIV LENTIVIRUS VECTORS	MOHHP3VRETRHUM04		30024900
(D) SIMIAN IMMUNODEFICIENCY VIRUS	MOHHP3VRETRSIM01		30024900
9. RHABDOVIRIDAE			
(A) RABIES VIRUS ¹	MOHHP3VRHABRAB01	VVP0V3RHARABV	30024900
(B) VESICULAR STOMATITIS VIRUS ¹ (EXCEPT FOR SPECIES/SUBTYPE INDIANA AND NEW JERSEY)	MOHHP3VRHABVES01	VVP0V3RHAVSVV	30024900
10. TOGAVIRIDAE			
(A) EVERGLADES VIRUS	MOHHP3VTOGAEEVE01		30024900
(B) GETAH VIRUS ¹	MOHHP3VTOGAGET01	VVP0V3TOGGETV	30024900
(C) MUCAMBO VIRUS	MOHHP3VTOGAMUC01		30024900
(D) NDUMU VIRUS	MOHHP3VTOGANDU01		30024900
(E) SEMLIKI FOREST VIRUS	MOHHP3VTOGASEM01		30024900
(F) TONATE VIRUS	MOHHP3VTOGATON01		30024900
(G) WESTERN EQUINE ENCEPHALITIS VIRUS ¹	MOHHP3VTOGAWES01	VVP0V3TOGWEEV	30024900
11. UNCONVENTIONAL AGENTS ASSOCIATED WITH THE TRANSMISSION OF SPONGIFORM ENCEPHALITIS			
(A) BOVINE SPONGIFORM ENCEPHALOPATHY PRION AND OTHER RELATED ANIMAL TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHY PRION ¹	MOHHP3VUNCOBOV01	VVP0V3UNKBSEV	30024900
(B) GERSTMANN-STRAUSSLER-SCHEINKER SYNDROME PRION	MOHHP3VUNCOGER01		30024900
(C) KURU PRION ¹	MOHHP3VUNCOKUR01	VVP0V3UNKTSEV (ANIMAL TSES EXCEPT BSE)	30024900
(D) CREUTZFELDT-JAKOB DISEASE PRION ¹	MOHHP3VUNCOCRE01	VVP0V3UNKTSEV (ANIMAL TSES EXCEPT BSE)	30024900

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(E) VARIANT CREUTZFELDT-JAKOB DISEASE PRION ¹	MOHHP3VUNCOVAR01	VVP0V3UNKTSEV (ANIMAL TSES EXCEPT BSE)	30024900
(F) FATAL FAMILIAL INSOMNIA PRION ¹	MOHHP3VUNCOFAT01	VVP0V3UNKTSEV (ANIMAL TSES EXCEPT BSE)	30024900
12. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY VIRUS SET OUT IN THIS PART	MOHHP3VCNSTRCT01	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900
FIRST SCHEDULE PART II			
<u>BACTERIA</u>			
1. <i>BACILLUS ANTHRACIS</i> ¹ , EXCEPT FOR THE ATTENUATED STRAINS DEVOID OF - (A) PLASMID PX02; OR (B) PLASMIDS PX01 AND PX02	MOHHP3BBACIANT01	VVP0B3BACANTB	30024900
2. <i>BACILLUS CEREUS</i> BIOVAR <i>ANTHRACIS</i>	MOHHP3BBACICER01		30024900
3. <i>BRUCELLA ABORTUS</i> ¹ , EXCEPT FOR THE ATTENUATED STRAINS - (A) 19; OR (B) RB51	MOHHP3BBRUCABR01	VVP0B3BRUABOB	30024900
4. <i>BRUCELLA MELITENSIS</i> ¹	MOHHP3BBRUCMEL01	VVP0B3BRUMELB	30024900
5. <i>BRUCELLA SUI</i> ¹	MOHHP3BBRUCSUI01	VVP0B3BRUSUIB	30024900
6. <i>BURKHOLDERIA MALLEI</i> ¹	MOHHP3BBURKMAL01	VVP0B3BURMALB	30024900
7. <i>BURKHOLDERIA PSEUDOMALLEI</i> ¹	MOHHP3BBURKPSE01	VVP0B3BURPSEB	30024900
8. <i>CLOSTRIDIUM BOTULINUM</i>	MOHHP3BCLOSBOT01		30024900

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9. <i>FRANCISELLA TULARENSIS</i> ¹ , EXCEPT FOR THE ATTENUATED STRAINS OF- (A) THE SUBSPECIES OF NOVICIDA (THE UTAH 112 [ATCC 15482]); (B) THE SUBSPECIES OF HOLARCTICA LIVE VACCINE STRAIN [ATCC 29684]; (C) THE B38 STRAIN [ATCC 6223]	MOHHP3BFRANTUL01	VVP0B3FRATULB	30024900
10. <i>YERSINIA PESTIS</i> ¹ , EXCEPT FOR THE ATTENUATED STRAINS DEVOID OF- (A) PGM LOCUS [EV76 STRAIN]; (B) 75 KB LOW-CALCIUM RESPONSE VIRULENCE PLASMID [TJIWIDEJ S STRAIN]	MOHHP3BYERSPE01	VVP0B2YERPESB for <i>Yersinia pestis</i> . TO CHECK WITH AVS ON ATTENUATED STRAINS.	30024900
11. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY BACTERIUM SET OUT IN THIS PART	MOHHP3BCNSTRCT02	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900
<u>RICKETTSIAE</u>			
1. <i>COXIELLA BURNETII</i> ¹ (EXCEPT FOR THE ATTENUATED PHASE II, PLAGUE PURIFIED CLONE 4 OF THE NINE MILE STRAIN)	MOHHP3BCOXIBUR01	VVP0B3COXBURB	30024900
2. <i>RICKETTSIA - ALL SPECIES</i> ¹	MOHHP3BRICKSPP01	VVP0B2ANAMARB for <i>Anaplasma marginale</i> VVP0B0COWRUMB for <i>Cowdria ruminantium</i> VVP0B2CANXENC for <i>Candidatus Xenohalictis californiensis</i>	30024900
3. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY RICKETTSIA SET OUT IN THIS PART	MOHHP3BCNSTRCT03	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900

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<u>VIRUSES</u>			
1. BUNYAVIRIDAE (A) RIFT VALLEY FEVER VIRUS ¹ (EXCEPT FOR THE VACCINE STRAIN MP-12)	MOHHP3VBUNYRIF01	VVP0V3BUNRVFV	30024900
2. CORONAVIRIDAE (A) MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS ¹ (MERS COV)	MOHHP3VCORMERS01	VVP0V3CORMERS	30024900
(B) SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS (SARS COV) FORMERLY KNOWN AS SARS CORONAVIRUS ¹	MOHHP3VCORSARS01	VVP0V2CORIBVV	30024900
3. FLAVIVIRIDAE (A) YELLOW FEVER VIRUS ¹ (EXCEPT FOR THE VACCINE STRAIN 17-D)	MOHHP3VFLAVYEL01	VVP0V3FLAYFVV	30024900
4. POXVIRIDAE (A) MONKEYPOX VIRUS, ALSO KNOWN AS MPOX VIRUS ¹	MOHHP3VPOXVMON01	VVP0V3POXMPVV	30024900
5. TOGAVIRIDAE (A) EASTERN EQUINE ENCEPHALITIS VIRUS ¹	MOHHP3VTOGAEAS01	VVP0V3TOGEEEV	30024900
(B) VENEZUELAN EQUINE ENCEPHALITIS VIRUS ¹	MOHHP3VTOGAVEN01	VVP0V3TOGVEEV	30024900
6. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY VIRUS SET OUT IN THIS PART	MOHHP3VCNSTRCT02	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900

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SECOND SCHEDULE			
1. ARENAVIRIDAE			
(A) CHAPARE VIRUS	MOHHP4VARENCHA01		30024900
(B) GUANARITO VIRUS	MOHHP4VARENGUA01		30024900
(C) JUNIN VIRUS	MOHHP4VARENJUN01		30024900
(D) LASSA FEVER VIRUS ¹	MOHHP4VARENLAS01	VVP0V4ARELHFV	30024900
(E) LUJO VIRUS	MOHHP4VARENLUJ01		30024900
(F) MACHUPO VIRUS	MOHHP4VARENMAC01		30024900
(G) SABIA VIRUS	MOHHP4VARENSAB01		30024900
2. BUNYAVIRIDAE			
(A) CRIMEAN-CONGO HAEMORRHAGIC FEVER VIRUS	MOHHP4VBUNYCRI01		30024900
3. FILOVIRIDAE			
(A) EBOLA VIRUS ¹	MOHHP4VFILOEBO01	VVP0V4FILEBOV	30024900
(B) MARBURG VIRUS ¹	MOHHP4VFILOMAR01	VVP0V4FILMARV	30024900
4. FLAVIVIRIDAE			
(A) TICK-BORNE ENCEPHALITIS VIRUSES (INCLUDING CENTRAL EUROPEAN TICK-BORNE ENCEPHALITIS VIRUS, FAR EASTERN TICK-BORNE ENCEPHALITIS VIRUS, RUSSIAN SPRING-SUMMER ENCEPHALITIS VIRUS, KYASANUR FOREST VIRUS, OMSK HAEMORRHAGIC FEVER VIRUS, WITH THE EXCEPTION OF THOSE LISTED IN FIRST SCHEDULE)	MOHHP4VFLAVTBE01		30024900
(B) KUMLINGE VIRUS	MOHHP4VFLAVKUM01		30024900
5. HERPESVIRIDAE			

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(A) CERCOPITHECINE HERPESVIRUS 1/ HERPESVIRUS SIMIAE (B VIRUS) ¹	MOHHP4VHERPHER01	VVP0V4HERSIMV	30024900
6. ORTHOMYXOVIRIDAE			
(A) 1918 PANDEMIC INFLUENZA VIRUS	MOHHP4VPORTHSPA01		30024900
7. PARAMYXOVIRIDAE			
(A) HENDRA VIRUS ¹	MOHHP4VPARAHEN01	VVP0V4PARHENV	30024900
(B) NIPAH VIRUS ¹	MOHHP4VPARANIP01	VVP0V4PARNIPV	30024900
8. POXVIRIDAE			
(A) VARIOLA MAJOR (SMALLPOX) VIRUS	MOHHP4VPOXVVAR01		30024900
(B) VARIOLA MINOR (ALASTRIM) VIRUS	MOHHP4VPOXWHIT01		30024900
9. ANY BIOLOGICAL AGENT THAT IS A CONSTRUCTED OR RECONSTRUCTED REPLICATION-COMPETENT FORM OF ANY BIOLOGICAL AGENT SET OUT IN THIS SCHEDULE	MOHHP4VCNSTRCT01	SEE CORRESPONDING CODE FOR THE AGENT, IF APPLICABLE	30024900

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THIRD SCHEDULE			
<u>BACTERIA</u>			
1. BORDETELLA PERTUSSIS	MOHHP2BBORDPER01		30024900
2. LEGIONELLA - ALL SPECIES AND ALL LEGIONELLA-LIKE ORGANISMS	MOHHP2BLEGISPP01		30024900
<u>VIRUSES</u>			
1. HEPATITIS B VIRUS	MOHHP2VHEPAHEP01		30024900

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FOURTH SCHEDULE			
<u>BACTERIAL AND RICKETTSIAL AGENTS</u>			
1. <i>ACINETOBACTER BAUMANII</i>	MOHHP2BACINBAU01		30024900
2. <i>ACINETOBACTER CALCOACETICUS</i>	MOHHP2BACINCAL01		30024900
3. <i>ACINETOBACTER IWOFFI</i>	MOHHP2BACINIWO01		30024900
4. <i>ACINETOBACTER HEMOLYTICUS</i>	MOHHP2BACINHEM01		30024900
5. <i>ACTINOMADURA MADURAE</i>	MOHHP2BACTIMAD01		30024900
6. <i>ACTINOMADURA PELLETIERI</i>	MOHHP2BACTIPEL01		30024900
7. <i>ACTINOBACILLUS - ALL SPECIES</i>	MOHHP2BACTISPP01		30024900
8. <i>ACTINOMYCETACEAE - ALL MEMBERS</i>	MOHHP2BACTISPP02		30024900
9. <i>AEROMONAS HYDROPHILA</i> ¹	MOHHP2BAEROHYD01	VVP0B2AERHYDB	30024900
10. <i>ALCALIGENES SPP.</i>	MOHHP2BALCASPP01		30024900
11. <i>AMYCOLATOPSIS ORIENTALIS SUBSP. ORIENTALIS</i>	MOHHP2BAMYCORI01		30024900
12. <i>ANAEROBIOspirillum SUCCINIPRODUCENS</i>	MOHHP2BANAESUC01		30024900
13. <i>ARACHNIA PROPIONICA</i>	MOHHP2BARACPRO01		30024900
14. <i>ARIZONA SPP.</i>	MOHHP2BARIZSPP01		30024900
15. <i>BACILLUS ANTHRACIS</i> ¹ ATTENUATED STRAINS DEVOID OF PLASMID PX02	MOHHP2BBACIANT01	VVP0B3BACANTB	30024900
16. <i>BACILLUS ANTHRACIS</i> ¹ ATTENUATED STRAINS DEVOID OF PLASMID PX01 AND PX02	MOHHP2BBACIANT02	VVP0B3BACANTB	30024900
17. <i>BACILLUS CEREUS</i>	MOHHP2BBACICER01		30024900
18. <i>BACILLUS CIRCULANS</i>	MOHHP2BBACICIR01		30024900
19. <i>BACTEROIDES SPP.</i>	MOHHP2BBACTSPP01		30024900
20. <i>BARTONELLA - ALL SPECIES</i>	MOHHP2BBARTSPP01		30024900
21. <i>BORDETELLA PERTUSSIS</i>	MOHHP2BBORDPER01		30024900

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22. <i>BORDETELLA</i> - ALL SPECIES (OTHER THAN <i>B. PERTUSSIS</i>)	MOHHP2BBORDSPP01		30024900
23. <i>BORRELIA</i> - ALL SPECIES ¹	MOHHP2BBORRSP01	VVP0B2BORBURB for <i>Borrelia burgdorferi</i>	30024900
24. <i>BREVIBACTERIUM</i> SPP.	MOHHP2BBREVSP01		30024900
25. <i>BRUCELLA ABORTUS</i> ¹ ATTENUATED STRAIN 19	MOHHP2BBRUCABR01	VVP0B3BRUABOB	30024900
26. <i>BRUCELLA ABORTUS</i> ¹ ATTENUATED STRAIN RB51	MOHHP2BBRUCABR02	VVP0B3BRUABOB	30024900
27. <i>BURKHOLDERIA</i> (<i>PSEUDOMONAS</i>) <i>CEPACIA</i>	MOHHP2BBURKCEP01		30024900
28. <i>CAMPYLOBACTER COLI</i>	MOHHP2BCAMPCOL01		30024900
29. <i>CAMPYLOBACTER FETUS</i> ¹	MOHHP2BCAMPFET01	VVP0B2CAMFETV	30024900
30. <i>CAMPYLOBACTER JEJUNI</i>	MOHHP2BCAMPJEJ01	VVP0B2CAMJEJB	30024900
31. <i>CARDIOBACTERIUM HOMINIS</i>	MOHHP2BCARDHOM01		30024900
32. <i>CHROMOBACTERIUM VIOLACEUM</i>	MOHHP2BCHROVIO01		30024900
33. <i>CHLAMYDIA PNEUMONIAE</i>	MOHHP2BCHLAPNE01		30024900
34. <i>CHLAMYDIA PSITTACI</i> (NON-AVIAN STRAINS)	MOHHP2BCHLAPSI01		30024900
35. <i>CHLAMYDIA TRACHOMATIS</i>	MOHHP2BCHLATRA01		30024900
36. <i>CITROBACTER FREUNDII</i>	MOHHP2BCITRFRE01		30024900
37. <i>CLOSTRIDIUM</i> SPP ¹ (EXCEPT <i>CLOSTRIDIUM BOTULINUM</i>)	MOHHP2BCLOSSPP01	VVP0B2CLOCHAB for <i>Clostridium chauvoei</i> VVP0B2CLOSEPB for <i>Clostridium septicum</i>	30024900
38. <i>CORYNEBACTERIUM AMYCOLATUM</i>	MOHHP2BCORYAMY01		30024900
39. <i>CORYNEBACTERIUM DIPHTHERIAE</i>	MOHHP2BCORYDIP01		30024900
40. <i>CORYNEBACTERIUM EQUI</i>	MOHHP2BCORYEQU01		30024900
41. <i>CORYNEBACTERIUM HAEMOLYTICUM</i>	MOHHP2BCORYHAE01		30024900
42. <i>CORYNEBACTERIUM PSEUDOTUBERCULOSIS</i> ¹	MOHHP2BCORYPSE01	VVP0B2CORPSEB	30024900
43. <i>CORYNEBACTERIUM PYOGENES</i>	MOHHP2BCORYPYO01		30024900
44. <i>CORYNEBACTERIUM RENALE</i>	MOHHP2BCORYREN01		30024900

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45. <i>CORYNEBACTERIUM XEROSIS</i>	MOHHP2BCORYXER01		30024900
46. <i>CUTIBACTERIUM ACNES</i>	MOHHP2BCUTIACN01		30024900
47. <i>EDWARDSIELLA TARDA</i>	MOHHP2BEDWATAR01		30024900
48. <i>EGGERTHELLA LENTA</i> (ALSO KNOWN AS <i>EUBACTERIUM LENTA</i>)	MOHHP2BEGGELEN01		30024900
49. <i>EIKENELLA CORRODENS</i>	MOHHP2BEIKECOR01		30024900
50. <i>ENTEROBACTER SPP.</i>	MOHHP2BENTESPP01		30024900
51. <i>ENTEROCOCCUS SPP.</i> ¹	MOHHP2BENTESPP02	VVP0B2ENTSPPB for <i>Vancomycin</i> <i>resistant Enterococcus spp.</i> VVP0B2ENTCASB for <i>Enterococcus casseliflavus</i>	30024900
52. <i>ERYSPELOTHRIX RUSIOPATHAE (INSIDIOSA)</i> ¹	MOHHP2BERYSRUS01	VVP0B2ERYRHUB	30024900
53. <i>ESCHERICHIA COLI</i> ¹	MOHHP2BESCHCOL01	VVP0B2ESCCOLO (for enterotoxigenic / invasive / haemorrhagic strains)	30024900
54. <i>FLAVOBACTERIUM MENINGOSEPTICUM</i>	MOHHP2BFLAVMEN01		30024900
55. <i>FRANCISELLA NOVOCIDA</i>	MOHHP2BFRANNOV01		30024900
56. <i>FRANCISELLA PHILOMIRAGIA</i>	MOHHP2BFRANPHI01		30024900
57. <i>FRANCISELLA TULARENSIS</i> ¹ ATTENUATED STRAIN - <i>SUBSPECIES NOVOCIDA</i> (THE UTAH 112 [ATCC 15482])	MOHHP2BFRANTUL01	VVP0B3FRATULB	30024900
58. <i>FRANCISELLA TULARENSIS</i> ¹ ATTENUATED STRAIN - <i>SUBSPECIESHOLARCTICA</i> LIVE VACCINE STRAIN [ATCC 29684]	MOHHP2BFRANTUL02	VVP0B3FRATULB	30024900
59. <i>FRANCISELLA TULARENSIS</i> ¹ ATTENUATED STRAIN B38	MOHHP2BFRANTUL03	VVP0B3FRATULB	30024900
60. <i>FUSOBACTERIUM SPP.</i>	MOHHP2BFUSOSPP01		30024900
61. <i>HAEMOPHILUS DUCREYI</i>	MOHHP2BHAEMDUC01		30024900
62. <i>HAEMOPHILUS INFLUENZAE</i>	MOHHP2BHAEMINF01		30024900

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63. <i>HAEMOPHILUS SPP. (OTHER THAN H. DUCREYI AND H. INFLUENZAE)</i>	MOHHP2BHAEMSPP01		30024900
64. <i>HELICOBACTER PYLORI</i>	MOHHP2BHELIPYL01		30024900
65. <i>KLEBSIELLA - ALL SPECIES AND ALL SEROTYPES</i>	MOHHP2BKLEBSPP01		30024900
66. <i>LEGIONELLA SPP. (ALL SPECIES AND ALL LEGIONELLA-LIKE ORGANISMS INCLUDING FLUORIBACTER SPP.)</i>	MOHHP2BLEGISPP01		30024900
67. <i>LEPTOSPIRA INTERROGANS - ALL SEROVAR¹</i>	MOHHP2BLEPTINT01	VVP0B2LEPSPPB VVP0B2LISMNB for <i>Listeria monocytogenes</i> VVP0B2LISIVAB for <i>Listeria ivanovii</i>	30024900
68. <i>LISTERIA - ALL SPECIES¹</i>	MOHHP2BLISTSPP01		30024900
69. <i>METHYLOBACTERIUM MESOPHILICUM</i>	MOHHP2BMETHMES01		30024900
70. <i>MIMAE POLYMORPHA</i>	MOHHP2BMIMAPOL01		30024900
71. <i>MORAXELLA - ALL SPECIES</i>	MOHHP2BMORASPP01		30024900
72. <i>MORGANELLA MORGANII</i>	MOHHP2BMORGMOR01		30024900
73. <i>MYCOBACTERIUM ABSCESSUS</i>	MOHHP2BMYCOABS01		30024900
74. <i>MYCOBACTERIUM AVIUM¹</i>	MOHHP2BMYCOAVI01	VVP0B2MYCAVIA for <i>Mycobacterium avium</i> VVP0XX9999999 for subspecies other than avium and paratuberculosis	30024900
75. <i>MYCOBACTERIUM BOVIS (BCG STRAINS)</i>	MOHHP2BMYCOBOV01		30024900
76. <i>MYCOBACTERIUM CHELONAE</i>	MOHHP2BMYCOCHE01		30024900
77. <i>MYCOBACTERIUM FORTUITUM</i>	MOHHP2BMYCOFOR01		30024900
78. <i>MYCOBACTERIUM GORDONAE</i>	MOHHP2BMYCOGOR01		30024900
79. <i>MYCOBACTERIUM KANSASII</i>	MOHHP2BMYCOKAN01		30024900
80. <i>MYCOBACTERIUM PEREGRINUM</i>	MOHHP2BMYCOPER01		30024900
81. <i>MYCOBACTERIUM LEPRAE</i>	MOHHP2BMYCOLEP01		30024900

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82. <i>MYCOBACTERIUM MALMOENSE</i>	MOHHP2BMYCOMAL01		30024900
83. <i>MYCOBACTERIUM MARINUM</i>	MOHHP2BMYCOMAR01		30024900
84. <i>MYCOBACTERIUM PARATUBERCULOSIS</i> ¹	MOHHP2BMYCOPAR01	VVP0B2MYCAVIP	30024900
85. <i>MYCOBACTERIUM SCROFULACEUM</i>	MOHHP2BMYCOSCR01		30024900
86. <i>MYCOBACTERIUM SIMIAE</i>	MOHHP2BMYCOSIM01		30024900
87. <i>MYCOBACTERIUM SZULGAI</i>	MOHHP2BMYCOSZU01		30024900
88. <i>MYCOBACTERIUM ULCERANS</i>	MOHHP2BMYCOULC01		30024900
89. <i>MYCOBACTERIUM XENOPI</i>	MOHHP2BMYCOXEN01		30024900
90. <i>MYCOPLASMA - ALL SPECIES</i> ¹	MOHHP2BMYCOSPP01	VVP0B2MYCGALB for <i>Mycoplasma gallisepticum</i> VVP0B2MYCSYNB for <i>Mycoplasma synoviae</i> VVP0B2MYCAGAB for <i>Mycoplasma agalactiae</i> VVP0B3MYCMYCM for <i>Mycoplasma mycoides subsp.</i> <i>mycoides SC (bovine biotype)</i> VVP0B2MYCCAPC for <i>Mycoplasma capricolum subsp.</i> <i>capripneumoniae</i>	30024900
91. <i>NEISSERIA GONORRHOEAE</i>	MOHHP2BNEISGON01		30024900
92. <i>NEISSERIA MENINGITIDIS</i>	MOHHP2BNEISMEN01		30024900
93. <i>NEISSERIA SICCA</i>	MOHHP2BNEISSIC01		30024900
94. <i>NOCARDIA SPP.</i>	MOHHP2BNOCASPP01		30024900
95. <i>PASTEURELLA SPP.</i> ¹	MOHHP2BPASTSPP01	VVP0B2PASMULB for <i>Pasteurella multocida</i>	30024900
96. <i>PEPTOSTREPTOCOCCUS SPP.</i>	MOHHP2BPEPTSPP01		30024900
97. <i>PLESIOMONAS SHIGELLOIDES</i>	MOHHP2BPLESSHI01		30024900
98. <i>PORPHYROMONAS SPP.</i>	MOHHP2BPORPSPP01		30024900

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99. <i>PREVOTELLA SPP.</i>	MOHHP2BPREVSP01		30024900
100. <i>PROTEUS - ALL SPECIES</i>	MOHHP2BPROTSPP01		30024900
101. <i>PROVIDENCIA SPP.</i>	MOHHP2BPROVSPP01		30024900
102. <i>PSEUDOMONAS AERUGINOSA</i>	MOHHP2BPSEUAER01		30024900
103. <i>RALSTONIA PICKETTI</i>	MOHHP2BRALSPIC01		30024900
104. <i>RHODOCOCCLUS EQUI</i>	MOHHP2BRHODEQU01		30024900
105. <i>SALMONELLA ARIZONAE</i>	MOHHP2BSALMARI01		30024900
106. <i>SALMONELLA ENTERITIDIS</i> ¹	MOHHP2BSALMENT01	VVP0B2SALENTB	30024900
107. <i>SALMONELLA PARATYPHI A, B & C</i>	MOHHP2BSALMPAR01		30024900
		VVP0B2SALANAB for <i>Salmonella anatum</i>	
		VVP0B2SALABOE for <i>Salmonella abortusequi</i>	
		VVP0B2SALCHOB for <i>Salmonella choleraesuis</i>	
		VVP0B2SALMONB for <i>Salmonella montevideo</i>	
108. <i>SALMONELLA (OTHER SEROVAR)</i> ¹	MOHHP2BSALMOTH01	VVP0B2SALNEWB for <i>Salmonella newport</i>	30024900
		VVP0B2SALGALB for <i>Salmonella gallinarum</i>	
		VVP0B2SALPULB for <i>Salmonella pullorum</i>	
		VVP0B2SALABOB for <i>Salmonella abortusovis</i>	
		VVP0B2SALDUBB for <i>Salmonella dublin</i>	
109. <i>SALMONELLA TYPHIMURIUM</i>	MOHHP2BSALMTYP01	VVP0B2SALTYPB for <i>Salmonella typhimurium</i>	30024900
110. <i>SALMONELLA TYPHI</i>	MOHHP2BSALMTYP02		30024900
111. <i>SERPULINA SPP.</i>	MOHHP2BSERPSP01		30024900

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112. <i>SERRATIA LIQUEFACIENS</i>	MOHHP2BSERRLIQ01		30024900
113. <i>SERRATIA MARCESCENS</i>	MOHHP2BSERRMAR01		30024900
114. <i>SHIGELLA BOYDII</i>	MOHHP2BSHIGBOY01		30024900
115. <i>SHIGELLA DYSENTERIAE (OTHER THAN TYPE 1)</i>	MOHHP2BSHIGDYS01		30024900
116. <i>SHIGELLA DYSENTERIAE TYPE 1</i>	MOHHP2BSHIGDYS02		30024900
117. <i>SHIGELLA FLEXNERI</i>	MOHHP2BSHIGFLE01		30024900
118. <i>SHIGELLA SONNEI</i>	MOHHP2BSHIGSON01		30024900
119. <i>SPHAEROPHORUS NECROPHORUS</i>	MOHHP2BSPHANEC01		30024900
120. <i>STAPHYLOCOCCUS AUREUS</i>	MOHHP2BSTAPAU01		30024900
121. <i>STAPHYLOCOCCUS EPIDERMIDIS</i>	MOHHP2BSTAPEPI01		30024900
122. <i>STAPHYLOCOCCUS SPP. (OTHER THAN S. AUREUS AND S. EPIDERMIDIS)</i>	MOHHP2BSTAPSPP01		30024900
123. <i>STENOTROPHOMONAS MALTOPHILIA</i>	MOHHP2BSTENMAL01		30024900
124. <i>STREPTOBACILLUS MONILIFORMIS</i>	MOHHP2BSTREMON01		30024900
125. <i>STREPTOCOCCUS SPP.</i> ¹	MOHHP2BSTRESPP01	VVP0B2STREQUB for <i>Streptococcus equi</i> VVP0B2STRINIB for <i>Streptococcus iniae</i> VVP0B2STRAGAB for <i>Streptococcus agalactiae</i>	30024900
126. <i>TREPONEMA SPP.</i>	MOHHP2BTREPSPP01		30024900
127. <i>UREAPLASMA UREALYTICUM</i>	MOHHP2BUREAURE01		30024900
128. <i>VIBRIO SPP.</i> ¹	MOHHP2BVIBRSPP01	VVP0B2VIBPARB for <i>Vibrio parahaemolyticus</i> VVP0B2VIBHARB for <i>Vibrio harveyi</i>	30024900
129. <i>VIRGIBACILLUS PANTOTHENICUS</i>	MOHHP2BVIRGPAN01		30024900
130. <i>YERSINIA PESTIS</i> ¹ ATTENUATED STRAIN EV 76 STRAIN (DEVOID OF PGM LOCUS)	MOHHP2BYERSPES01	TO CHECK WITH AVS	30024900

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131. <i>YERSINIA PESTIS</i> ¹ ATTENUATED STRAIN - TIJWIDEJ S STRAIN (DEVOID OF 75 KB LOW-CALCIUM RESPONSE VIRULENCE PLASMID)	MOHHP2BYERSPES02	TO CHECK WITH AVS	30024900
132. <i>YERSINIA SPP.</i> (EXCEPT <i>YERSINIA PESTIS</i>)	MOHHP2BYERSPP01	VVP0B2YERRUCB for <i>Yersinia ruckeri</i>	30024900
<u>FUNGAL AGENTS</u> (NOTE: PLEASE REFER TO SECTION ON “<u>YEAST</u>” FOR MOH PRODUCT CODES FOR FUNGAL AGENTS IDENTIFIED AS YEAST)			
1. <i>ASPERGILLUS BRASILIENSIS</i>	MOHHP2FASPEBRA01		30024900
2. <i>ASPERGILLUS FLAVUS</i>	MOHHP2FASPEFLA01		30024900
3. <i>ASPERIGILLUS FUMIGATUS</i>	MOHHP2FASPEFUM01		30024900
4. <i>ASPERGILLUS NIDULANS</i>	MOHHP2FASPENID01		30024900
5. <i>ASPERGILLUS NIGER</i>	MOHHP2FASPENIG01		30024900
6. <i>ASPERGILLUS OCHRACEUS</i>	MOHHP2FASPEOCR01		30024900
7. <i>ASPERGILLUS USTUS</i>	MOHHP2FASPEUST01		30024900
8. <i>CLADOPHIALOPHORA BANTIANA</i> (FORMERLY <i>XYLOHPHA BANTIAN</i> , <i>CLADOSPORIUM BANTIANUM</i>)	MOHHP2FCLADBAN01		30024900
9. <i>COCCIDIOIDES POSADASII</i> ATTENUATED STRAIN Δ CH55	MOHHP2FCOCCIPO01		30024900
10. <i>COCCIDIOIDES POSADASII</i> ATTENUATED STRAIN Δ CTS2/ Δ ARD1/ Δ CTS3	MOHHP2FCOCCIPO02		30024900
11. <i>EMMONSIA PARVA</i> VAR. <i>PARVA</i> , <i>EMMONSIA PARVA</i> VAR. <i>CRESCENS</i>	MOHHP2FEMMOPAR01		30024900
12. <i>EPIDERMOPHYTON FLOCCOSUM</i>	MOHHP2FEPIDFLO01		30024900
13. <i>FONSECAEA COMPACTA</i>	MOHHP2FFONSCOM01		30024900
14. <i>FONSECAEA PEDROSOI</i>	MOHHP2FFONSPED01		30024900
15. <i>FUSARIUM CHLAMYDOSPORUM</i>	MOHHP2FFUSACHL01		30024900
16. <i>FUSARIUM SOLANI</i>	MOHHP2FFUSASOL01		30024900
17. <i>MADURELLA GRISEA</i>	MOHHP2FMADUGRI01		30024900

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18. <i>MADURELLA MYCETOMATIS</i>	MOHHP2FMADUMYC01		30024900
19. <i>MICROSPORUM SPP.</i>	MOHHP2FMICRSP01		30024900
20. <i>NEOTESTUDINA ROSATII</i>	MOHHP2FNEOTROS01		30024900
21. <i>PNEUMOCYSTIS JIROVECI</i> (FORMERLY KNOWN AS <i>PNEUMOCYSTIS CARINII</i>)	MOHHP2FPNEUJIR01		30024900
22. <i>RHIZOMUCOR SPP.</i>	MOHHP2FRHIZSPP01		30024900
23. <i>RHIZOPUS ORYZAE</i>	MOHHP2FRHIZORY01		30024900
24. <i>SCEDOSPORIUM APIOSPERMUM</i> (<i>PSEUDALLESCHERIA BOYDII</i>)	MOHHP2FSCEDAPI01		30024900
25. <i>SCEDOSPORIUM PROLIFERANS</i> (<i>INFLATUM</i>)	MOHHP2FSCEDPRO01		30024900
26. <i>SPOROTHRIX SCHENCKII</i>	MOHHP2FSPORSCH01		30024900
27. <i>TRICHOPHYTON SPP.</i>	MOHHP2FTRICSPP01		30024900
<u>PARASITIC AGENTS</u>			30024900
1. <i>ACANTHAMOEBA SPP.</i>	MOHHP2PACANSPP01		30024900
2. <i>ANCYLOSTOMA DUODENALE</i>	MOHHP2PANCYDU001		30024900
3. <i>ANGIOSTRONGYLUS CANTONENSIS</i>	MOHHP2PANGICAN01		30024900
4. <i>ANGIOSTRONGYLUS COSTARICENSIS</i>	MOHHP2PANGICOS01		30024900
5. <i>ANISAKIS SIMPLEX</i>	MOHHP2PANISSIM01		30024900
6. <i>ASCARIS LUMBRICOIDES</i>	MOHHP2PASCALUM01		30024900
7. <i>ASCARIS SUUM</i>	MOHHP2PASCASUU01		30024900
8. <i>BABESIA DIVERGENS</i> ¹	MOHHP2PBABEDIV01	VVP0P2BABDIVP	30024900
9. <i>BABESIA MICROTI</i>	MOHHP2PBABEMIC01		30024900
10. <i>BALANTIDIUM COLI</i>	MOHHP2PBALACOL01		30024900
11. <i>BLASTOCYSTIS HOMINIS</i>	MOHHP2PBLASHOM01		30024900
12. <i>BRUGIA MALAYI</i>	MOHHP2PBRUGMAL01		30024900
13. <i>BRUGIA PAHANGI</i>	MOHHP2PBRUGPAH01		30024900
14. <i>BRUGIA TIMORI</i>	MOHHP2PBRUGTIM01		30024900

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15. <i>CAPILLARIA SPP.</i>	MOHHP2PCAPISPP01		30024900
16. <i>CONTRACAECUM OSCULATUM</i>	MOHHP2PCONTOSC01		30024900
17. <i>CRYPTOSPORIDIUM SPP.</i>	MOHHP2PCRYPSPP01		30024900
18. <i>CYCLOSPORA SPP.</i>	MOHHP2PCYCLSPP01		30024900
19. <i>DICROCOELIUM DENDRITICUM</i>	MOHHP2PDICRDEN01		30024900
20. <i>DIENTAMOEBA FRAGILIS</i>	MOHHP2PDIENTFRA01		30024900
21. <i>DIPHYLLOBOTHRIUM LATUM</i>	MOHHP2PDIPHLAT01		30024900
22. <i>DRACUNCULUS MEDINENSIS</i>	MOHHP2PDRACMED01		30024900
23. <i>ECHINOCOCCUS GRANULOSUS</i> ¹	MOHHP2PECHIGRA01	VVP0P2ECHGRAP	30024900
24. <i>ECHINOCOCCUS MULTILOCULARIS</i>	MOHHP2PECHIMUL01		30024900
25. <i>ECHINOCOCCUS VOGELI</i>	MOHHP2PECHIVOG01		30024900
26. <i>ENTAMOEBA HISTOLYTICA</i>	MOHHP2PENTAHIS01		30024900
27. <i>ENTEROCYTOZOOM BIENEUSI</i>	MOHHP2PENTEBIE01		30024900
28. <i>ENTEROBIUS VERMICULARIS</i>	MOHHP2PENTEVE01		30024900
29. <i>FASCIOLOPSIS BUSKI</i>	MOHHP2PFASCBUS01		30024900
30. <i>FASCIOLA GIGANTICA</i>	MOHHP2PFASCGIG01		30024900
31. <i>FASCIOLA HEPATICA</i>	MOHHP2PFASCHEP01		30024900
32. <i>GIARDIA LAMBLIA (GIARDIA INTESTINALIS)</i>	MOHHP2PGIARLAM01		30024900
33. <i>HETEROPHYES SPP.</i>	MOHHP2PHETESPP01		30024900
34. <i>HYMENOLEPSIS DIMINUTA</i>	MOHHP2PHYMEDIM01		30024900
35. <i>HYMENOLEPSIS NANA (HUMAN ORIGIN)</i>	MOHHP2PHYMENAN01		30024900
36. <i>ISOPORA BELLI</i>	MOHHP2PISOPBEL01		30024900
37. <i>LEISHMANIA SPP.</i> ¹	MOHHP2PLEISSPP01	VVP0P2LEISPPP	30024900
38. <i>LOA LOA</i>	MOHHP2PLOALOA01		30024900
39. <i>MANSONELLA (DIPETALONEMA) OZZARDI</i>	MOHHP2PMANSOZZ01		30024900
40. <i>MANSONELLA (DIPETALONEMA) PERSTANS</i>	MOHHP2PMANSPER01		30024900
41. <i>MANSONELLA (DIPETALONEMA) STREPTOCERCA</i>	MOHHP2PMANSSTR01		30024900

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42. <i>METAGONIMUS SPP.</i>	MOHHP2PMETASPP01		30024900
43. <i>MICROSPORIDIA SPP.</i>	MOHHP2PMICRSPP01		30024900
44. <i>NAEGLERIA SPP.</i>	MOHHP2PNAEGSPP01		30024900
45. <i>NECATOR AMERICANUS</i>	MOHHP2PNECAAME01		30024900
46. <i>ONCHOCERCA VOLVULUS</i>	MOHHP2PONCHVOL01		30024900
47. <i>OPISTHORCHIS SPP. (CLONORCHIS)</i>	MOHHP2POPISSPP01		30024900
48. <i>PARAGONIMUS SPP.</i>	MOHHP2PPARASPP01		30024900
49. <i>PLASMODIUM SPP. (HUMAN AND SIMIAN)</i> ¹	MOHHP2PPASSPP02	VVP0P2PLAKNOP for <i>Plasmodium knowlesi</i>	30024900
50. <i>PSEUDOTERRANOVA DECIPIENS</i>	MOHHP2PPSEUDECO1		30024900
51. <i>SARCOCYSTIS SUIHOMINIS</i>	MOHHP2PSARCSUI01		30024900
52. <i>SCHISTOSOMA SPP.</i>	MOHHP2PSCHISPP01		30024900
53. <i>STRONGYLOIDES SPP.</i>	MOHHP2PSTROSPP01		30024900
54. <i>TAENIA SAGINATA</i> ¹	MOHHP2PTAENSAG01	VVP0P2TAESAGP	30024900
55. <i>TAENIA SOLIUM</i> ¹	MOHHP2PTAENSOL01	VVP0P2TAESOLP	30024900
56. <i>TOXOCARA CANIS</i>	MOHHP2PTOXOCAN01		30024900
57. <i>TOXOCARA CATI</i>	MOHHP2PTOXOCAT01		30024900
58. <i>TOXOPLASMA GONDII</i> ¹	MOHHP2PTOXOGON01	VVP0P2TOXGONP	30024900
59. <i>TRICHINELLA NATIVA</i>	MOHHP2PTRICNAT01		30024900
60. <i>TRICHINELLA NELSONI</i>	MOHHP2PTRICNEL01		30024900
61. <i>TRICHINELLA PSEUDOSPIRALIS</i>	MOHHP2PTRICPSE01		30024900
62. <i>TRICHINELLA SPIRALIS</i> ¹	MOHHP2PTRICSPI01	VVP0P2TRISPIP	30024900
63. <i>TRICHOSTRONGYLUS SPP.</i>	MOHHP2PTRICSPP01		30024900
64. <i>TRICHURIS TRICHIURA</i>	MOHHP2PTRICTRI01		30024900
65. <i>TRICHOMONAS VAGINALIS</i>	MOHHP2PTRICVAG01		30024900
66. <i>TRYPANOSOMA BRUCEI BRUCEI</i> ¹	MOHHP2PTRYPBRU01	VVP0P2TRYBRUB	30024900
67. <i>TRYPANOSOMA BRUCEI RHODESIENSE</i> ¹	MOHHP2PTRYPBRU02	VVP0P2TRYRHOD	30024900

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68. <i>TRYPANOSOMA BRUCEI GAMBIENSE</i> ¹	MOHHP2PTRYPBRU03	VVP0P2TRYGAMB	30024900
69. <i>TRYPANOSOMA CRUZI</i> ¹	MOHHP2PTRYPCRU01	VVP0P2TRYCRUP	30024900
70. <i>TRYPANOSOMA RANGELI</i>	MOHHP2PTRYPRAN01		30024900
71. <i>WUCHERERIA BANCROFTI</i>	MOHHP2PWUCHBAN01		30024900
<u>RICKETTSIAE</u>			
1. <i>COXIELLA BURNETTI</i> ¹ ATTENUATED PHASE II, PLAGUE PURIFIED CLONE OF THE NINE MILE STRAIN	MOHHP2BCOXIBUR01	VVP0B3COXBURB	30024900
<u>VIRAL AGENTS</u>			
1. ADENOVIRIDAE	MOHHP2VADENSPP01		30024900
2. ARENAVIRIDAE			
(A) LCM-LASSA-VIRUS COMPLEX (OLD WORLD ARENAVIRUSES):			
I. IPPY VIRUS	MOHHP2VARENIPP01		30024900
II. MOBALA VIRUS	MOHHP2VARENMOB01		30024900
(B) TACARIBE-VIRUS-COMPLEX (NEW WORLD ARENAVIRUSES):			
I. AMAPARI VIRUS	MOHHP2VARENAMA01		30024900
II. LATINO VIRUS	MOHHP2VARENLAT01		30024900
III. PARANA VIRUS	MOHHP2VARENPAR01		30024900
IV. PICHINDE VIRUS	MOHHP2VARENPIC01		30024900
V. TAMIAMI VIRUS	MOHHP2VARENTAM01		30024900
3. ASTROVIRIDAE	MOHHP2VASTRSP01		30024900
4. BUNYAVIRIDAE			30024900
(A) BUNYAMWERA VIRUS	MOHHP2VBUNYBUN01		30024900

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DESCRIPTION	HSA PRODUCT CODE	CORRESPONDING AVS PRODUCT CODE	HS CODE
(B) HAZARA VIRUS	MOHHP2VBUNYHAZ01		30024900
(C) RIFT VALLEY FEVER ¹ VACCINE STRAIN MP-12	MOHHP2VBUNYRIF01	VVP0V3BUNRVFV	30024900
(D) UUKUVIRUSES	MOHHP2VBUNYUUK01		30024900
(E) PROSPECT HILL VIRUS ¹	MOHHP2VBUNYPRO01	VVP0V3BUNPROV (PROSPECT HILL)	30024900
(F) SANDFLY FEVER VIRUS	MOHHP2VBUNYSAN01		30024900
(G) TOSCANA VIRUS	MOHHP2VBUNYTOS01		30024900
(H) OTHER BUNYAVIRIDAE ¹ KNOWN TO BE PATHOGENIC	MOHHP2VBUNYOTH01	VVP0V3BUNPUUS (PUUMALA SOTKAMO) VVP0V3BUNPUUU (PUUMALA UMEA)	30024900
5. CALICIVIRIDAE			
(A) HEPATITIS E VIRUS	MOHHP2VCALIHEP01		30024900
(B) NOROVIRUS	MOHHP2VCALINOR01		30024900
(C) SAPOVIRUS	MOHHP2VCALIOTH01		30024900
6. CORONAVIRIDAE			
(A) HUMAN CORONAVIRUS ¹ (EXCEPT NOVEL CORONAVIRUS)	MOHHP2VCOROSPP01	VVP0V2CORIBVV	30024900
(B) SEVERE ACUTE RESPIRATORY SYNDROME VIRUS CORONAVIRUS 2 (SARS-COV-2) ALSO KNOWN AS CORONAVIRUS DISEASE 2019 (COVID-19) VIRUS	MOHHP2VCOROCOV01	CHECK WITH AVS	30024900
7. FLAVIVIRIDAE			
(A) DENGUE VIRUSES TYPE 1 - 4	MOHHP2VFLAVDEN01		30024900
(B) HEPATITIS G VIRUS	MOHHP2VFLAVHEP01		30024900
(C) HEPATITIS C VIRUS	MOHHP2VFLAVHEP02		30024900
(D) JAPANESE B ENCEPHALITIS VACCINE STRAIN SA 14-14-2	MOHHP2VFLAVJAP01		30024900
(E) KUNJIN VIRUS	MOHHP2VFLAVKUN01		30024900

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(F) YELLOW FEVER VIRUS ¹ VACCINE STRAIN 17-D	MOHHP2VFLAVYEL01	VVP0V3FLAYFVV	30024900
(G) USUTU VIRUS	MOHHP2VFLAVUSU01		30024900
(H) ZIKA VIRUS ¹	MOHHP2VFLAVZIK01	VVP0V2FLAZIKA	30024900
(I) OTHER FLAVIVIRUSES ¹ KNOWN TO BE PATHOGENIC (E.G. ILHEUS VIRUS, NTAYA VIRUS)	MOHHP2VFLAVOTH01	VVP0V2FLAILHV for Ilheus virus VVP0V2FLANTAV for Ntaya virus	30024900
8. HEPADNAVIRIDAE			
(A) HEPATITIS B VIRUS	MOHHP2VHEPAHEP01		30024900
(B) HEPATITIS D (DELTA) VIRUS	MOHHP2VHEPASPP01		30024900
9. HERPESVIRIDAE			
(A) CYTOMEGALOVIRUS	MOHHP2VHERPCYT01		30024900
(B) EPSTEIN-BARR VIRUS	MOHHP2VHERPEPS01		30024900
(C) HERPES SIMPLEX TYPES I & II VIRUS	MOHHP2VHERPHER01		30024900
(D) HERPES VIRUS VARICELLA-ZOSTER	MOHHP2VHERPHER02		30024900
(E) HUMAN HERPESVIRUS TYPES 6, 7 & 8 (HHV6, 7 & 8)	MOHHP2VHERPHUM01		30024900
(F) HUMAN METAPNEUMOVIRUS	MOHHP2VHUMETAPN01		30024900
10. ORTHOMYXOVIRIDAE*			
(A) INFLUENZA TYPES A, B AND C VIRUSES ¹ (EXCEPT FOR STRAIN H5N1, H7N9 AND THE 1918 PANDEMIC INFLUENZA VIRUS)	MOHHP2VORTHINF01	VVP0V2ORTEIVV FOR INFLUENZA A VIRUS SUBTYPE 1: H7N7, INFLUENZA A VIRUS SUBTYPE 1:H3N8 (ORTHOMYXOVIRIDAE) VVP0V2ORTINFV (INFLUENZA A)	30024900
11. PAPOVAVIRIDAE			
(A) BK AND JC VIRUSES	MOHHP2VPAPOBKA01		30024900
(B) HUMAN PAPILLOMAVIRUSES	MOHHP2VPAPOHUM01		30024900
(C) SIMIAN VIRUS 40 (SV40) ¹	MOHHP2VPAPOSIM01	VVP0V2TOGSV40	30024900
12. PARAMYXOVIRIDAE			

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(A) CEDAR VIRUS	MOHHP2VPARACED01		30024900
(B) MEASLES VIRUS	MOHHP2VPARAMEA01		30024900
(C) MUMPS VIRUS	MOHHP2VPARAMUM01		30024900
(D) PARAINFLUENZA VIRUSES (TYPES 1-5) ¹	MOHHP2VPARAPAR01	VVP0V2PARSENV FOR PARAINFLUENZA TYPE-1 VVP0V2PARCPV FOR PARAINFLUENZA TYPE-5 (SIMIAN VIRUS 5)	30024900
(E) RESPIRATORY SYNCYTIAL VIRUS	MOHHP2VPARARES01		30024900
13. PARVOVIRIDAE			
(A) HUMAN PARVOVIRUS (B19)	MOHHP2VPARVHUM01		30024900
14. PICORNAVIRIDAE			
(A) COXSACKIEVIRUSES	MOHHP2VPICOCOX01		30024900
(B) ECHOVIRUSES	MOHHP2VPICOECH01		30024900
(C) ENCEPHALOMYOCARDITIS VIRUS (EMCV) ¹	MOHHP2VPICOEMC01	VVP0V2PICEMCV	30024900
(D) ENTEROVIRUSES	MOHHP2VPICOENT01		30024900
(E) RHINOVIRUSES	MOHHP2VPICORHI01		30024900
(F) HEPATITIS A VIRUS	MOHHP2VPICOHEP01		30024900
(G) POLIOVIRUS VACCINE STRAIN SABIN TYPE-1	MOHHP2VPICOPOL01		30024900
(H) POLIOVIRUS VACCINE STRAIN SABIN TYPE-2	MOHHP2VPICOPOL02		30024900
(I) POLIOVIRUS VACCINE STRAIN SABIN TYPE-3	MOHHP2VPICOPOL03		30024900
15. POXVIRIDAE			
(A) BUFFALOPOX VIRUS	MOHHP2VPOXVBUF01		30024900
(B) COWPOX VIRUS	MOHHP2VPOXVCOW01		30024900
(C) MILKER'S NODES VIRUS	MOHHP2VPOXVMIL01		30024900
(D) MOLLUSCUM CONTAGIOSUM VIRUS	MOHHP2VPOXVMUL01		30024900
(E) ORF VIRUS	MOHHP2VPOXVORF01		30024900
(F) VACCINIA VIRUS	MOHHP2VPOXVVAC01		30024900

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(G) YATAPOX VIRUSES (TANA AND YABA)	MOHHP2VPOXVYAT01		30024900
16. REOVIRIDAE			
(A) ROTAVIRUS	MOHHP2VREOROT01		30024900
17. RETROVIRIDAE			
(a) Any HIV lentiviral vector system which has at least 2 of the following features:			
I. the U3 region of the 3'LTR in the transfer vector is absent or altered, which results in a stable self-inactivating (SIN) configuration;			
II. the HIV genes for packaging function are split to a minimum of 2 packaging plasmids (excluding the env plasmid);	MOHHP2VRETRHUM01		30024900
III. the vpr, vpu, vif and nef genes are either absent or altered to be non-functional;			
IV. the vector system requires minimally 4-recombination to achieve Replication Competent Lentivirus (RCL)			
18. RHABDOVIRIDAE			
(A) DUVENHAGE VIRUS	MOHHP2VRHABDUV01		
(B) VESICULAR STOMATITIS VIRUS ¹ SPECIES/SEROTYPE INDIANA AND NEW JERSEY	MOHHP2VRHABVES01	VVP0V3RHAVSVV	30024900
19. TOGAVIRIDAE			
(A) BEBARU VIRUS	MOHHP2VTOGABEB01		30024900
(B) CHIKUNGUNYA VIRUS	MOHHP2VTOGACHI01		30024900

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(C) O'NYONG-NYONG VIRUS	MOHHP2VTOGAONY01		30024900
(D) OTHER KNOWN ALPHAVIRUSES	MOHHP2VTOGAOTH01		30024900
(E) MAYARO VIRUS	MOHHP2VTOGAMAY01		30024900
(F) ROSS RIVER VIRUS ¹	MOHHP2VTOGAROS01	VVP0V2TOGRRVV	30024900
(G) RUBELLA VIRUS	MOHHP2VTOGARUB01		30024900
(H) SINDBIS VIRUS	MOHHP2VTOGASIN01		30024900
<u>YEAST</u>			
1. <i>CANDIDA SPP.</i>	MOHHP2FCANDSPP01		21021000
2. <i>CRYPTOCOCCUS NEOFORMANS</i> VAR. <i>NEOFORMANS</i> VAR. <i>GATTII</i>	MOHHP2FCRYPNEO01		21021000
3. <i>MALASSEZIA FURFUR</i> (ALSO KNOWN AS <i>PITYSPORUM OVALE</i> AND <i>PITYSPORUM</i> <i>ORBICULARE</i>)	MOHHP2FMALAFUR01		21021000
4. <i>PENICILLIUM MARNEFFEI</i>	MOHHP2FPENIMAR01		21021000
5. <i>RHODOTORULA MUCILAGINOSA</i>	MOHHP2FRHODMUC01		21021000
6. <i>RHODOTORULA RUBRA</i>	MOHHP2FRHODRUB01		21021000
7. <i>TRICHOSPORA MUCOIDES</i>	MOHHP2FTRICMUC01		21021000

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FIFTH SCHEDULE			
1. BOTULINUM TOXINS (TYPES A, B, C, D, E, F AND G)	MOHHP3TBOT01		30024900
2. CLOSTRIDIUM PERFRINGENS TOXINS	MOHHP3TCLOSPER01		30024900
3. HT-2 TOXIN	MOHHP3THT201		30024900
4. STAPHYLOCOCCAL ENTEROTOXINS	MOHHP3TSTAPENT01		30024900
5. SHIGATOXINS	MOHHP3TSHI01		30024900
6. T-2 TOXIN	MOHHP3TT2T01		30024900
7. TETANUS TOXIN	MOHHP3TTET01		30024900
8. VEROTOXINS	MOHHP3TVER01		30024900

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INACTIVATED BIOLOGICAL AGENTS			
1. INACTIVATED FIRST SCHEDULE PART I	MOHHP1INACTIVE01		30024900
2. INACTIVATED FIRST SCHEDULE PART II	MOHHP1INACTIVE02		30024900
3. INACTIVATED SECOND SCHEDULE	MOHHP1INACTIVE03		30024900
<i>(NOTE: THE IMPORT PERMIT APPLICATION AND THE SUPPORTING DOCUMENTS MUST STATE THE SPECIFIC NAME OF THE BIOLOGICAL AGENT THAT IS INACTIVATED AND SHOULD ALSO STATE THAT THE ITEM/AGENT IS “INACTIVATED”)</i>			
OTHERS			
DUMMY PRODUCT CODE (FOR DECLARATION OF BIOLOGICAL AGENTS NOT FOUND ON THIS LIST)	MOHHP999999999999		30024900

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