NDCmaxID	UnitAtOnceLabel	UnitAtOnceProduct	UnitAtOncePackage	UnitAtOnceProductName	UnitAtOnceBrandName	UnitAtOnceSubstance	UnitAtOnceCutLabel	UnitAtOnceProtocol	UnitAtOnceVIAL	UnitAtOnceNDC	UnitAtOnceCVX Code	UnitAtOnceCVX Short Description	Nonexpr	NDC11	last_updated_date	ISTN
877	58160	809	01	MENHIBRIX	MENINGOCOCCAL GROUPS C AND Y AND HAEMOPHILUS B TETANUS TOXOID CONJUGATE VACCINE	GlaxoSmithKline Biologicals SA	20102803	20170529	VIAL	0058160809039	148	Meningococcal C/Y-HIB PRP	False	58160-0809-01	5/30/2018 0:00	00581608094
1002	58160	809	05	MENHIBRIX	Meningococcal Groups C and Y and Haemophilus b Tetanus Toxoid Conjugate Vaccine	GlaxoSmithKline Biologicals SA	20102803	20170529	10 VIAL in 1 CARTON		148	Meningococcal C/Y-HIB PRP	False	58160-0809-05	5/30/2018 0:00	
456	49281	688	78	MENOMUNE - A/C/Y/W-135 COMBINED	NEISSERIA MENINGITIDIS GROUP A POLYSACCHARIDE ANTIGEN & NEISSERIA MENINGITIDIS GROUP	Sanofi Pasteur Inc	19851123	20191830	VIAL MULTI-DOSE	00049281088788	32	meningococcal MPSV4	False	49281-0888-78	1/31/2019 0:00	00492810888
456	49281	687	78	MENOMUNE - A/C/Y/W-135 COMBINED	NEISSERIA MENINGITIDIS GROUP A CAPSULAR POLYSACCHARIDE ANTIGEN, NEISSERIA MENINGITIDIS	Sanofi Pasteur Inc	19851123	20191830	VIAL	00049281087788	32	meningococcal MPSV4	False	49281-0887-78	1/31/2019 0:00	00492810887
3956	49281	690	58	MenQuadfi	meningococcal polysaccharide tetanus A, C, Y, W-135 Tetanus toxoid conjugate	Sanofi Pasteur Inc	20200424		VIAL 5 mL SINGLE DOSE		167	meningococcal polysaccharide tetanus A, C, Y, W-135 TT conjugate	False	49281-0690-58	5/31/2020 0:00	
3956	49281	690	78	MenQuadfi	MENACTRA	Sanofi Pasteur Inc	20200424	20180430	VIAL MULTI-DOSE	00049281090178	136	meningococcal MCV4O	False	49281-0690-78	5/31/2020 0:00	00492810908
354	49284	218	11	Menveo	Meningococcal A C Y W 135 oligosaccharide conjugate	GlaxoSmithKline Biologicals SA	20170301	20180430	VIAL SINGLE-DOSE	00058160818211	136	Meningococcal MCV4O	False	58160-0818-11	5/30/2018 0:00	00581608181
354	49284	218	52	Menveo	Meningococcal A C Y W 135 oligosaccharide conjugate	GlaxoSmithKline Biologicals SA	20170301	20180430	VIAL SINGLE-DOSE	00058160818252	136	Meningococcal MCV4O	False	58160-0818-52	5/30/2018 0:00	00581608182
354	49284	218	78	Menveo	Meningococcal A C Y W 135 oligosaccharide conjugate	GlaxoSmithKline Biologicals SA	20170301	20180430	VIAL SINGLE-DOSE	00058160818278	136	Meningococcal MCV4O	False	58160-0818-78	5/30/2018 0:00	00581608183
452	53868	0980	0	M-M-R II	MEASLES, MUMPS, AND RUBELLA VIRUS VACCINE LIVE	Physicians Total Care, Inc.	19960807	20120630	VIAL SINGLE-DOSE		03	MMR	True	53868-0980-00	1/26/2018 0:00	
452	0006	0181	01	M-M-R II	MEASLES, MUMPS, AND RUBELLA VIRUS VACCINE LIVE	Merck Sharp & Dohme Corp.	19731012	20120630	VIAL SINGLE-DOSE	00006-0181-01	03	MMR	False	00006-0181-01	1/26/2018 0:00	00006018101
8077	80777	273	10	Moderna COVID-19 Vaccine	SARS-COV-2 COVID-19 vaccine, mRNA, spike protein, LNP, preservative free 300 mcg/0.5mL dose	Moderna US, Inc.	20201218		VIAL 5 mL MULTI-DOSE		207	COVID-19, mRNA, LNP-S, PF, 300 mcg/.5 ml dose	False	80777-0273-10	4/5/2021 0:00	
8077	80777	273	15	Moderna COVID-19 Vaccine	SARS-COV-2 COVID-19 vaccine, mRNA, spike protein, LNP, preservative free 300 mcg/0.5mL dose	Moderna US, Inc.	20201218		7 VIAL MULTI-DOSE		207	COVID-19, mRNA, LNP-S, PF, 300 mcg/.5 ml dose	False	80777-0273-15	4/5/2021 0:00	
9361	80161	100	01	NOVAVAX COVID-19 Vaccine, Adjuvanted	SARS-COV-2 COVID-19 vaccine, subunit, recombinant spike protein-nanoparticle+Matrix-M1 Adjuvant	Novavax Inc.	20210601	20210831	VIAL, MULTI-DOSE, 5 mL		211		False	80161-0100-01	8/7/2021 0:00	
1	58160	817	09	NPANTH	MENINGOCOCCAL GROUPS C AND Y AND HAEMOPHILUS B TETANUS TOXOID CONJUGATE VACCINE	GlaxoSmithKline Biologicals SA	20102803	20170529	VIAL SINGLE-DOSE	00581608179	148	Meningococcal C/Y-HIB PRP	False	58160-0817-09	5/30/2018 0:00	00581608179
360	58160	811	41	PEDIARIX	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS ADSORBED, HEPATITIS B RECOMB	GlaxoSmithKline Biologicals SA	20090724	20110224	SYRINGE	110	DTaP-Hep B-IPV	False	58160-0811-41	6/8/2018 0:00	
818	0006	4897	01	PENTACEL	HAEMOPHILUS B CONJUGATE VACCINE (MENINGOCOCCAL PROTEIN CONJUGATE)	Merck Sharp & Dohme Corp.	19891124		VIAL SINGLE-DOSE	00006488978	49	HIB (PRP-OMP)	False	00006-4897-01	11/30/2017 0:00	00006489781
868	49281	560	05	PENTACEL	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS ADSORBED, INACTIVATED POLIOVI	Sanofi Pasteur Inc	20090625		VIAL SINGLE-DOSE	00049281560507	120	DTaP-HiB-IPV	False	49281-0560-05	11/28/2017 0:00	00492815605
3956	49281	561	05	PENTACEL	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS ADSORBED, INACTIVATED POLIOVI	Sanofi Pasteur Inc	20200724		VIAL SINGLE-DOSE, 5 mL	120	DTaP-HiB-IPV	False	49281-0561-05	5/31/2020 0:00	
3041	49281	548	58	PENTACEL	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS ADSORBED, INACTIVATED POLIOVI	Sanofi Pasteur Inc	20200825		VIAL SINGLE-DOSE 5 mL	00049281548581	120	DTaP-HiB-IPV	False	49281-0548-58	8/22/2019 0:00	00492815485
4804	58160	1015	01	Pfizer-BioNTech Covid-19 Vaccine	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	Pfizer Manufacturing Belgium NV	20211201	20211231	VIAL 0.3 mL	00581601015	208	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	False	58160-1015-01	12/15/2021 0:00	00581601015
4804	58160	1015	1	Pfizer-BioNTech Covid-19 Vaccine	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	Pfizer Manufacturing Belgium NV	20211201	20211231	VIAL 0.3 mL	00581601015	208	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	False	58160-1015-01	12/15/2021 0:00	00581601015
4804	58160	1015	10	Pfizer-BioNTech Covid-19 Vaccine	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	Pfizer Manufacturing Belgium NV	20211201	20211231	VIAL 0.3 mL	00581601015	208	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	False	58160-1015-01	12/15/2021 0:00	00581601015
4804	58160	1015	1

3014	49281	305	88	FLUZONE High-Dose	influenza vaccine (2018-2019)	sanofi Pasteur Inc	20180329	20180630	SYRINGE	00169281405880	135	influenza, high dose seasonal	False	49281-0469-88	7/16/2019 0:00	00169281405880			
3087	49281	121	88	FLUZONE High-Dose Quadrivalent Northern Hemisphere	influenza vaccine, high dose, quadrivalent (2021-2022)	sanofi Pasteur Inc	20210701		SYRINGE, 7 mL		197	influenza, high dose, quadrivalent	False	49281-0121-88	7/16/2021 0:00				
3088	49281	120	88	FLUZONE High-Dose Quadrivalent Northern Hemisphere	influenza vaccine, high dose, quadrivalent (2020-2021)	sanofi Pasteur Inc	20201101	20210630	SYRINGE, 7 mL		197	influenza, high dose, quadrivalent	False	49281-0120-88	7/6/2021 0:00				
430	49281	703	51	FLUZONE INTRADERMAL	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20210701	20220630	SYRINGE, GLASS	00169281703551	134	influenza, seasonal, intradermal, preservative free	True	49281-0703-51	2/27/2018 0:00	00169281703551			
700	49281	709	48	FLUZONE Intradermal	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20210630	20220630		00169281709847	134	influenza, seasonal, intradermal, preservative free	False	49281-0709-48	7/5/2018 0:00	00169281709847			
426	49281	708	48	FLUZONE INTRADERMAL QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20210429	20220630	SYRINGE, GLASS		134	influenza, intradermal, quadrivalent, preservative free	False	49281-0708-48	7/6/2018 0:00				
3089	49281	122	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20210701	20220630			197	influenza, injectable, quadrivalent, preservative free	False	49281-0122-88	7/16/2021 0:00				
364	49281	712	68	FLUZONE INTRADERMAL QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20210701	20220630	intradermal	00169281712687	134	influenza, intradermal, quadrivalent, preservative free	False	49281-0712-68	7/6/2018 0:00	00169281712687			
3091	49281	118	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2018-2019)	sanofi Pasteur Inc	20180329	20190630	SYRINGE, 0.4 mL	00169281405897	197	influenza, injectable, quadrivalent, preservative free	False	49281-0118-88	7/16/2018 0:00	00169281405897			
3092	49281	119	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2019-2020)	sanofi Pasteur Inc	20190701	20200630	SYRINGE, 25 mL	00169281405903	197	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0119-88	7/16/2019 0:00	00169281405903			
3082	49281	115	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2020-2021)	sanofi Pasteur Inc	20200701	20210630	SYRINGE, 0.5 mL	00169281405927	197	influenza, injectable, quadrivalent, preservative free	False	49281-0115-88	7/16/2020 0:00	00169281405927			
3083	49281	116	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2021-2022)	sanofi Pasteur Inc	20210701	20220630	SYRINGE, 0.5 mL	00169281405934	197	influenza, injectable, quadrivalent, preservative free	False	49281-0116-88	7/16/2021 0:00	00169281405934			
3084	49281	117	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2022-2023)	sanofi Pasteur Inc	20220701	20230630	SYRINGE, 0.5 mL	00169281405941	197	influenza, injectable, quadrivalent, preservative free	False	49281-0117-88	7/16/2022 0:00	00169281405941			
3086	49281	635	78	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2021-2022)	sanofi Pasteur Inc	20210701		VIAL, 5 mL MULTI-DOSE		158	influenza, injectable, quadrivalent	False	49281-0635-78	7/16/2021 0:00				
90	49281	621	78	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160427	20170630	VIAL, MULTI-DOSE		158	influenza, injectable, quadrivalent	False	49281-0621-78	11/29/2017 0:00				
681	49281	625	78	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20160701	20170630			158	influenza, injectable, quadrivalent	False	49281-0625-78	5/30/2018 0:00				
367	49281	628	68	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160427	20170630	SYRINGE, 0.5 mL		158	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0628-68	11/29/2017 0:00				
810	49281	615	88	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160428	20160630	5 mL in 1 SYRINGE, GLASS		150	influenza, injectable, quadrivalent, preservative free	False	49281-0615-88	6/6/2018 0:00				
3035	49281	519	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2016-2017)	sanofi Pasteur Inc	20160701	20170630	VIAL, 5 mL SINGLE-DOSE	00169281405958	150	influenza, injectable, quadrivalent, preservative free	False	49281-0519-58	7/16/2020 0:00	00169281405958			
716	49281	517	50	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20170701	20180630	syringe	00169281517936	161	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0517-50	7/6/2018 0:00	00169281517936			
711	49281	518	68	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20170704	20180630	syringe	00169281617887	161	influenza, injectable, quadrivalent, preservative free	False	49281-0617-68	7/6/2018 0:00	00169281617887			
3019	49281	618	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2018-2019)	sanofi Pasteur Inc	20180629	20190630	VIAL, SINGLE-DOSE	00169281418547	150	influenza, injectable, quadrivalent, preservative free	False	49281-0618-58	7/16/2019 0:00	00169281418547			
3018	49281	618	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2018-2019)	sanofi Pasteur Inc	20180629	20190630	VIAL	00169281418547	150	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0618-58	7/16/2019 0:00	00169281418547			
544	49281	554	58	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160427	20170630	VIAL	00169281414189	150	influenza, injectable, quadrivalent, preservative free	False	49281-0554-58	7/5/2018 0:00	00169281414189			
912	49281	615	58	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160428	20160630		00169281615186	150	influenza, injectable, quadrivalent, preservative free	False	49281-0615-58	5/30/2018 0:00	00169281615186			
3017	49281	517	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2015-2016)	sanofi Pasteur Inc	20150701	20160630	VIAL, 5 mL MULTI-DOSE	00169281405965	150	influenza, injectable, quadrivalent, preservative free	False	49281-0517-58	7/16/2019 0:00	00169281405965			
366	49281	615	88	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20150610	20160630	SYRINGE, GLASS	00169281614889	150	influenza, injectable, quadrivalent, preservative free	False	49281-0615-88	11/29/2017 0:00	00169281614889			
679	49281	616	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20160701	20170630			150	influenza, injectable, quadrivalent	False	49281-0616-88	5/30/2018 0:00				
712	49281	617	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20170701	20180630	vial	00169281617580	150	influenza, injectable, quadrivalent, preservative free	False	49281-0617-58	7/6/2018 0:00	00169281617580			
3021	49281	518	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2018-2019)	sanofi Pasteur Inc	20180629	20190630	SYRINGE, GLASS	00169281518893	161	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0518-58	7/16/2019 0:00	00169281518893			
3063	49281	620	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2020-2021)	sanofi Pasteur Inc	20200701	20210630	SYRINGE, 5 mL		150	influenza, injectable, quadrivalent, preservative free	False	49281-0620-88	7/6/2021 0:00				
3064	49281	520	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2020-2021)	sanofi Pasteur Inc	20200701	20210630	VIAL, 5 mL SINGLE-DOSE		150	influenza, injectable, quadrivalent, preservative free	False	49281-0520-58	7/6/2021 0:00				
3067	49281	155	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2020-2021)	sanofi Pasteur Inc	20200701	20210630	SYRINGE, 0.25 mL		147	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0155-88	7/6/2021 0:00				
3068	49281	633	78	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2020-2021)	sanofi Pasteur Inc	20200701	20210630	VIAL, 5 mL MULTI-DOSE		158	influenza, injectable, quadrivalent	False	49281-0633-78	7/6/2021 0:00				
3085	49281	521	88	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2021-2022)	sanofi Pasteur Inc	20210701		SYRINGE, 25 mL		161	influenza, injectable, quadrivalent, preservative free, pediatric	False	49281-0521-88	7/16/2021 0:00				
3022	49281	629	78	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2018-2019)	sanofi Pasteur Inc	20180629	20190630	VIAL, MULTI-DOSE	00169281629478	158	influenza, injectable, quadrivalent	False	49281-0629-78	7/16/2019 0:00	00169281629478			
3081	49281	621	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2021-2022)	sanofi Pasteur Inc	20210701		VIAL, 5 mL SINGLE-DOSE		150	influenza, injectable, quadrivalent, preservative free	False	49281-0621-58	7/16/2021 0:00				
965	49281	615	58	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160427	20170630	VIAL, SINGLE-DOSE	00169281414189	150	influenza, injectable, quadrivalent, preservative free	False	49281-0615-58	7/5/2018 0:00	00169281414189			
966	49281	616	58	FLUZONE QUADRIVALENT	INFLUENZA A VIRUS A/CALIFORNIA/7/2009 X-179A (H1N1) ANTIGEN (FORMALDEHYDE INACTIVATED), sanofi Pasteur Inc		20160427	20170630	SYRINGE	00169281414886	150	influenza, injectable, quadrivalent, preservative free	False	49281-0616-68	7/5/2018 0:00	00169281414886			
3020	49281	618	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent (2018-2019)	sanofi Pasteur Inc	20180629	20190630			150	influenza, injectable, quadrivalent, preservative free	False	49281-0618-58	7/16/2019 0:00				
889	49281	616	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20160701	20170630			150	influenza, injectable, quadrivalent, preservative free	False	49281-0616-58	6/30/2017 0:00				
713	49281	617	58	FLUZONE QUADRIVALENT	influenza vaccine, quadrivalent	sanofi Pasteur Inc	20170701	20180630	vial		158	influenza, injectable, quadrivalent	False	49281-0617-58	7/6/2018 0:00				
3001	49281	181	88	FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE	influenza, Southern Hemisphere, Single-Dose, Pediatric 0.25mL (2020 season southern hemisphere)	sanofi Pasteur Inc	20200930	20201231	Syringe, plunc, .25 mL		200	influenza, Southern Hemisphere, pediatric, preservative free	False	49281-0181-88	7/6/2021 0:00				
3077	49281	197	78	FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE	influenza, Southern Hemisphere, Multi-Dose 5 mL (2021 season southern hemisphere)	sanofi Pasteur Inc	20210204		Vial, 5 mL MULTI-DOSE		202	influenza, Southern Hemisphere, quadrivalent, with preservative	False	49281-0197-78	6/30/2021 0:00				
3079	49281	182	00	FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE	influenza, Southern Hemisphere, Single-Dose, Pediatric 0.25mL (2021 season southern hemisphere)	sanofi Pasteur Inc	20210204		Syringe, plunc, .25 mL		200	influenza, Southern Hemisphere, pediatric, preservative free	False	49281-0182-00	7/6/2021 0:00				
3052	49281	336	78	FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE	influenza, Southern Hemisphere, Multi-Dose 0.5 mL (2020 season southern hemisphere)	sanofi Pasteur Inc	20200930	20201231	Vial, 5 mL MULTI-DOSE		202	influenza, Southern Hemisphere, quadrivalent, with preservative	False	49281-0336-78	1/5/2021 0:00				
3054	49281	420	88	FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE	influenza, Southern Hemisphere, Single-Dose 0.5 mL (2020 season southern hemisphere)	sanofi Pasteur Inc	20200930	20201231	Syringe, plunc, .5 mL		201	influenza, Southern Hemisphere, preservative free	False	49281-0420-88	1/5/2021 0:00				
3078	49281	321	88	FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE	influenza, Southern Hemisphere, Single-Dose 0.5 mL (2021 season southern hemisphere)	sanofi Pasteur Inc	20210204		Syringe, plunc, .5 mL		201	influenza, Southern Hemisphere, preservative free	False	49281-0321-88	6/30/2021 0:00				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
316	0006	4109	01	GARDASIL	HUMAN PAPILLOMAVIRUS QUADRIVALENT (TYPES 6, 11, 16, AND 18) VACCINE, RECOMBINANT	Merck Sharp & Dohme Corp.	20060608		SYRINGE	00006041099506	62	HPV, quadrivalent	False	0006-4109-01	11/30/2017 0:00	00006041099506			
606	0006	4121	01	GARDASIL 9	HUMAN PAPILLOMAVIRUS 9-VALENT VACCINE, RECOMBINANT	Merck Sharp & Dohme Corp.	20141210		SYRINGE, GLASS	00006041210018	165	HPV9	False	0006-4121-01	11/30/2017 0:00	00006041210018			
605	0006	4119	01	GARDASIL 9	HUMAN PAPILLOMAVIRUS 9-VALENT VACCINE, RECOMBINANT	Merck Sharp & Dohme Corp.	20141210		VIAL, SINGLE-DOSE	00006041190015	165	HPV9	False	0006-4119-01	11/30/2017 0:00	00006041190015			
877	58160	829	01	HAVRIX	HEPATITIS A VACCINE	GlaxoSmithKline Biologicals SA	20070414	20210331	VIAL	0058160829019	52	Hep A, adult	False	58160-0829-01	3/29/2021 0:00	00058160829019			
476	58160	825	03	HAVRIX	HEPATITIS A VACCINE	GlaxoSmithKline Biologicals SA	20070214		SYRINGE	00058160825436	83	Hep A, ped/adol, 2 dose	False	58160-0825-43	5/6/2019 0:00	00058160825436			
478	58160	826	03	HAVRIX	HEPATITIS A VACCINE	GlaxoSmithKline Biologicals SA	20070414	20200331	SYRINGE	00058160826433	52	Hep A, adult	False	58160-0826-43	5/6/2019 0:00	00058160826433			
479	58160	826	01	HAVRIX	HEPATITIS A VACCINE	GlaxoSmithKline Biologicals SA	20070414	20200331	VIAL	00058160826011	52	Hep A, adult	False	58160-0826-01	4/15/2019 0:00	00058160826011			
475	58160	825	01	HAVRIX	HEPATITIS A VACCINE	GlaxoSmithKline Biologicals SA	20070214	20210331	VIAL	00058160825016	83	Hep A, ped/adol, 2 dose	False	58160-0825-01	3/29/2021 0:00	00058160825016			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
722	49328	002	01	HEPLISAV-B	HEPATITIS B VACCINE (RECOMBINANT)	Dynavax Technologies Corporation	20180101	20200131	vial	00365180020100	189	Heab-Cpg	False	49328-0002-01	1/31/2020 0:00	00365180020100			
1003	53083	1069	9	HEPLISAV-B	HEPATITIS B VACCINE (RECOMBINANT)	A S Medication Solutions	20180101	20200131	Vial		189	Heab-Cpg	False	53083-1069-09	1/31/2020 0:00				
3011	49328	003	01	HEPLISAV-B	HEPATITIS B VACCINE (RECOMBINANT)	Dynavax Technologies Corporation	20180101		SYRINGE	00365180030017	189	Heab-Cpg	False	49328-0003-01	6/6/2019 0:00	00365180030017			
868	58160	816	01	Hiberix	HAEMOPHILUS B CONJUGATE VACCINE (TETANUS TOXOID CONJUGATE)	GlaxoSmithKline Biologicals SA	20151123		VIAL	00581608160102	68	Hib (PRP-T)	False	58160-0816-01	6/6/2019 0:00	00581608160102			
697	58160	816	01	Hiberix	HAEMOPHILUS B CONJUGATE VACCINE (TETANUS TOXOID CONJUGATE)	GlaxoSmithKline Biologicals SA	20151221		VIAL	00581608160102	68	Hib (PRP-T)	False	58160-0816-01	6/6/2019 0:00	00581608160102			
376	58160	806	01	HIBERIX	HAEMOPHILUS B CONJUGATE VACCINE (TETANUS TOXOID CONJUGATE)	GlaxoSmithKline Biologicals SA	20090424		VIAL	00581608060102	68	Hib (PRP-T)	False	58160-0806-01	6/6/2019 0:00	00581608060102			
3045	49281	346	58	IMOVAX RABIES	RABIES VIRUS STRAIN PM 1503-3M ANTIGEN (MONTANIDE ATTENUANTED)	sanofi Pasteur Inc	20161101		VIAL, 1 mL SINGLE-USE		131	Rabies - for blood or cell culture	False	49281-0346-58	12/29/2016 0:00				
368	49281	348	58	IMOVAX RABIES	RABIES VIRUS STRAIN PM 1503-3M ANTIGEN (PROPIOLACTONE INACTIVATED)	sanofi Pasteur Inc	20150930		VIAL, SINGLE-USE		131	Rabies - for blood or cell culture	False	49281-0348-58	12/29/2016 0:00				
378	58160	810	43	INFANRIX	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS VACCINE ADSORBED	GlaxoSmithKline Biologicals SA	20060718		SYRINGE	00581608104232	20	DTaP	False	58160-0810-43	6/6/2019 0:00	00581608104232			
378	58160	810	01	INFANRIX	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS VACCINE ADSORBED	GlaxoSmithKline Biologicals SA	20060718		VIAL	00581608104201	20	DTaP	False	58160-0810-01	6/6/2019 0:00	00581608104201			
3019	50090	2893	9	INFANRIX	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS VACCINE ADSORBED	A S Medication Solutions	20180621		SYRINGE	20	DTaP	False	50090-2893-09	4/16/2020 0:00					
450	63402	529	25	Influenza A	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (PROPIOLACTONE INACTIVATED)	Cts Limited	20090701	20100630	VIAL, MULTI-DOSE	139	Novel influenza-H1N1-09, preservative-free	True	63402-0529-25	1/29/2018 0:00					
448	63402	629	10	Influenza A	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (PROPIOLACTONE INACTIVATED)	Cts Limited	20090701	20100630	SYRINGE, GLASS	127	Novel influenza-H1N1-09	True	63402-0629-10	1/29/2018 0:00					
3042	49281	401	10	Influenza A (H1N1) 2009 Monovalent Vaccine	influenza A (H1N1) 2009 Monovalent Vaccine	Novartis Vaccines and Diagnostics Srl	20090911	20100630	SYRINGE, GLASS	126	Novel influenza-H1N1-09, preservative-free	True	49281-0401-10	10/31/2018 0:00					
452	66521	200	10	Influenza A (H1N1) 2009 Monovalent Vaccine	influenza A (H1N1) 2009 Monovalent Vaccine	Novartis Vaccines and Diagnostics Srl	20090911	20100630	VIAL, MULTI-DOSE	127	Novel influenza-H1N1-09	True	66521-0200-10	10/31/2018 0:00					
447	49281	500	25	INFLUENZA A (H1N1) 2009 MONOVALENT VACCINE	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (FORMALDEHYDE INACTIVATED)	sanofi Pasteur Inc	20090911	20100630	VIAL, MULTI-DOSE	126	Novel influenza-H1N1-09, preservative-free	True	49281-0500-25	10/31/2018 0:00					
462	49281	500	10	INFLUENZA A (H1N1) 2009 MONOVALENT VACCINE	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (FORMALDEHYDE INACTIVATED)	sanofi Pasteur Inc	20090911	20100630	SYRINGE, GLASS	126	Novel influenza-H1N1-09, preservative-free	True	49281-0500-10	10/31/2018 0:00					
451	66521	200	10	Influenza A (H1N1) 2009 Monovalent Vaccine	influenza A (H1N1) 2009 Monovalent Vaccine	Novartis Vaccines and Diagnostics Srl	20090911	20100630	SYRINGE, GLASS	126	Novel influenza-H1N1-09, preservative-free	True	66521-0200-10	10/31/2018 0:00					
449	49281	650	50	INFLUENZA A (H1N1) 2009 MONOVALENT VACCINE	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (FORMALDEHYDE INACTIVATED)	sanofi Pasteur Inc	20090911	20100630	VIAL, MULTI-DOSE	126	Novel influenza-H1N1-09, preservative-free	True	49281-0650-50	10/31/2018 0:00					
464	49281	650	25	INFLUENZA A (H1N1) 2009 MONOVALENT VACCINE	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (FORMALDEHYDE INACTIVATED)	sanofi Pasteur Inc	20090911	20100630	SYRINGE, GLASS	126	Novel influenza-H1N1-09, preservative-free	True	49281-0650-25	10/31/2018 0:00					
465	49281	640	15	INFLUENZA A (H1N1) 2009 MONOVALENT VACCINE	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (FORMALDEHYDE INACTIVATED)	sanofi Pasteur Inc	20090911	20110101	VIAL, MULTI-DOSE	127	Novel influenza-H1N1-09	True	49281-0640-15	6/6/2018 0:00					
466	49281	650	50	INFLUENZA A (H1N1) 2009 MONOVALENT VACCINE	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE ANTIGEN (FORMALDEHYDE INACTIVATED)	sanofi Pasteur Inc	20090911	20100630		126	Novel influenza-H1N1-09, preservative-free	True	49281-0650-50	10/31/2018 0:00					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
514	58160	822	02	Influenza A (H5N1) Vac Monovalent Vaccine, Adjuvanted	Adjuvant	GlaxoSmithKline			GlaxoSmithKline		160	Influenza A monovalent (H5N1), ADJUVANTED-2011	False	58160-0822-02	1/27/2014 0:00				
806	66019	001	01	Influenza A H1N1 (Intranasal	INFLUENZA A H1N1 (Intranasal	Medimmune, Llc	20091301	20100413	APPLICATOR		125	Novel influenza-H1N1-09, nasal	False	66019-0001-01	11/29/2017 0:00				
484	49281	860	88	IPOL	POLIOVIRUS TYPE 1 ANTIGEN (FORMALDEHYDE INACTIVATED), POLIOVIRUS TYPE 2 ANTIGEN (FORMA	sanofi Pasteur Inc	19901221	20110630	SYRINGE	00169281860881	10	IPV	False	49281-0860-88	6/6/2018 0:00	00169281860881			
3024	50090	1698	0	IPOL	POLIOVIRUS TYPE 1, 2 AND 3 ANTIGEN (FORMALDEHYDE INACTIVATED)	A S Medication Solutions	20180514	20200331	VIAL, MULTI-DOSE		10	IPV	False	50090-1698-00	2/6/2020 0:00				
467	49281	860	78	IPOL	POLIOVIRUS TYPE 1 ANTIGEN (FORMALDEHYDE INACTIVATED), POLIOVIRUS TYPE 2 ANTIGEN (FORMA	sanofi Pasteur Inc	19901221		VIAL, MULTI-DOSE	00169281860782	10	IPV	False	49281-0860-78	11/30/2017 0:00	00169281860782			
734	42185	001	01	Ixiaro	JAPANESE ENCEPHALITIS VACCINE, INACTIVATED, ADSORBED	Valneva Austria Gmbh	20090316		Valneva Austria Gmbh & Co. Kg		114	Japanese Encephalitis IM	False	42185-0001-01	4/19/2016 0:00				
735	42185	001	05	Ixiaro	JAPANESE ENCEPHALITIS VACCINE, INACTIVATED, ADSORBED	Valneva Austria Gmbh & Co. Kg	20090316		Valneva Austria Gmbh & Co. Kg		114	Japanese Encephalitis IM	False	42185-0001-05	4/19/2016 0:00				
352	42185	001	00	IXIARO	JAPANESE ENCEPHALITIS VACCINE, INACTIVATED, ADSORBED	Valneva Austria Gmbh	20090316		SYRINGE		114	Japanese Encephalitis IM	False	42185-0001-00	1/27/2014 0:00				
612	42185	001	00	IXIARO	JAPANESE ENCEPHALITIS VACCINE, INACTIVATED, ADSORBED	Valneva Austria Gmbh	20090316	20150630	SYRINGE		114	Japanese Encephalitis IM	False	42185-0001-00	10/31/2018 0:00				
696	42185	001	00	IXIARO	Japanese Encephalitis Vaccine, Inactivated, Adsorbed	Valneva Austria Gmbh	20090316		5 mL in 1 SYRINGE		114	Japanese Encephalitis IM	True	42185-0001-00	4/6/2018 0:00				
3075	59676	580	05	Janssen COVID-19 Vaccine	SARS-COV-2 ECOV2-S?-vaccine: vector-non-replicating - recombinant spike protein-ADV26.	Janssen Products, LP	20210201	20210731	VIAL, MULTI-DOSE	2 5mL	212	COVID-19 vaccine, vector-ni- rt-Ad26. PF. 0 mL	False	59676-0580-05	4/19/2021 0:00				
861	58160	812	43	KINRIX	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS ADSORBED AND INACTIVATED POL	GlaxoSmithKline Biologicals SA	20080709		SYRINGE	00581608124136	130	DTaP-IPV	False	58160-0812-43	6/6/2019 0:00	00581608124136			
862	58160	812	01	KINRIX	DIPHTHERIA AND TETANUS TOXOIDS AND ACELLULAR PERTUSSIS ADSORBED AND INACTIVATED POL	GlaxoSmithKline Biologicals SA	20080709		VIAL	00581608120146	130	DTaP-IPV	False	58160-0812-01	6/6/2019 0:00	00581608120146			
612	76420	483	01	Medical Provider Single Use Ez Flu Shot 2013-2014	INFLUENZA A VIRUS A/CHRISTCHURCH/16/2010 NIB-74 (H1N1) ANTIGEN (PROPIOLACTONE INACTIV	MedChem Manufacturing Inc dba Encochem	20120720	20170112	VIAL, MULTI-DOSE		116	influenza, injectable, quadrivalent, preservative free	True	76420-0483-01	5/30/2018 0:00				
427	76420	482	01	Medical Provider Single Use Ez Flu Shot 2013-2014	INFLUENZA A VIRUS A/CALIFORNIA/7/2009(H1N1)-LIKE HEMAGGLUTININ ANTIGEN (PROPIOLACTONE	MedChem Manufacturing Inc dba Encochem	20110705	20170112	SYRINGE, GLASS		116	influenza, injectable, quadrivalent, preservative free	True	76420-0482-01	5/30/2018 0:00				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[ill