#### Changes in the Immunization Schedule Recommended by the Japan Pediatric Society, October 27, 2024



- The "perspective of the Japan Pediatrics Society" on PCV has been added.
- Description regarding the "precautions" for rotavirus vaccine has been updated.
- The target period of routine vaccinations for DPT and IPV have been partially corrected in the Vaccination Schedule table.
- The "perspective of the Japan Pediatrics Society" on DPT has been added.
- The URL citation for the Ministry of Health, Labour and Welfare on the precautions for Japanese encephalitis vaccine has been updated.
- · A section on the intranasal live attenuated influenza vaccine has been added.
- Influenza vaccination checklist has been changed according to the above update.
- Description regarding COVID-19 vaccine has been updated and COVID-19 vaccine checklist has been newly created.
- Supplemental information has been added to the "Standard vaccination Age and Period" for the HPV vaccines.
- List of COVID-19 vaccines available in Japan has been newly created.
- Minor revisions have also been made to improve clarity.

# Vaccination Schedule Recommended by the Japan Pediatric Society October 27, 2024 Japan Pediatric Society



health insurance coverage

Vacci		Tuno						Infa	ant							Ear	y Childh	bod										School A	Age		
Vaccii	ne	Туре	Birth	6w	2m	3n	n 4r	n 5r	n 6r	n 7n	ı 8m	n 9-	11m	12-15	īm	16-17m	18-23m	2y	Зу	4у	5у	бу	7у	8у	9у				≥ <b>10</b> y		
	niversal			•	1	2	)	•	•		3						:	-		•	•			(Foo	tnot	e 1)					
	other-to-child ansmission	Inactivated	1	2					(3	)																					
	Mono-valent				1	2	Foo	tnote	2																						
Rotavirus P	Penta-valent	Live			1	2	) (3	) F	ootn	ote3																					
Pneumococcal (PCV15, PCV20)	)	Inactivated			1	2	) (3	)			•			4			i									i	(Fo	ootnote 4	1)		
PT-IPV-Hib		Inactivated			1	2	) (3	)								4					<	<7.5	yrs							availabl	le <15 yr
Diphtheria, Pertu Tetanus (DPT)	ussis,	Inactivated																				① otnote5)						11-12yrs cootnote 6)			
Diphtheria, Tetan	nus (DT)	Inactivated																									①11y	rs 12yrs	S		
nactivated polio v		Inactivated																				① tnote 7)									
daemophilus infl ype b if Hib <sup>®</sup> is used a		Inactivated			1	2	) (3	)							4	)											(Fo	ootnote 8	3)		
Diphtheria, Pertu Tetanus, Polio (D		Inactivated			1	2	) (3	)								4					<	<7.5	yrs							availabl	le <15 yr
BCG		Live							1	)																					
Measles, Rubella	(MR)	Live														1						② etnote 9)									
/aricella		Live												1			2									(	Footno	te 10)			
lumps		Live												1								2 tnote11)									
apanese Enceph	nalitis	Inactivated							a١	ailabl	e fro	m 6m	nos	•					① ②	3	<7	7.5 y	rs			4	9-12yr	S			
nfluenza, Inatcv	vated	Inactivated							a١	ailabl	e fro	m 6m	nos			Annuall	y (Octob	er, N	oven	nber,	etc.	.) ①	2							① ≥13yrs	
nfluenza, Live at	ttenuated	Live																			2 y	rs -<	<19 y	rs ar	nnua	lly (in O	ctober,	Novemb	er, etc.) (	ı) intranasal	
COVID-19		mRNA					$\dagger$				<u>:                                      </u>		<u>:</u>	<u> </u>			Elig	ible a	ge ra	inge	varie	s by	COVI	D-19	vaco	ine produ	ıcts				
.0110 13		Inactivated																													
luman papilloma	9- a valent	Inactivated																							(Foo	otnote 12)	Gr.6	) (foo	or High Gr.1 ①② otnote 13)	Junior High Gr.2 – High School Gr.1	(Footnote 14
rirus (HPV)	2, 4- valent	Inactivated																							(Foo	otnote 12)	Gr.6	5	or High Gr.1 ①②③ otnote 13)	Junior High Gr. 2 – High School Gr.1	(Footnote 14
/accine		Type	Birth	6w	2m	3n	n 4r	n 5r	n 6r	n 7n	ı 8m	n 9-	11m	12-15	īm	16-17m	18-23m	2у	Зу	4у	5у	6у	7у	8у	9у				≥ <b>10</b> y		

for voluntary

vaccination

by the Japan Pediatric Society

age range for

routine vaccination

for routine

vaccination

age range for

voluntary vaccination

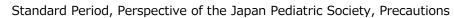
October 27, 2024

Routine Voluntary Vaccination Vaccination Insurance

Standard Period, Perspective of the Japan Pediatric Society, Precautions

Vaccine	Туре	Standard Age of Vaccination and Period	Perspective of the Japan Pediatrics Society	Precautions
Hepatitis B Virus	,,	① 2 mos ② 3 mos ③ 7-8 mos ≥27 days (4 wks) interval between ①-② ≥139 days (20 wks) interval between ①-③	If there is a hepatitis B virus carrier in the family other than the mother, early vaccination is recommended instead of waiting until the child is 2 mos old.	(Footnote 1) For vaccination to prevent horizontal transmission in children who were not vaccinated in infancy, vaccination intervals are the same as for universal vaccines.
Hepatitis B Virus (HBV) Vaccines for Prevention of Mother to Child Transmission	Inactivated	① At birth ② 1 mos ③ 6 mos		If a mother is positive for HBs antigen,  The child receives vaccine and HB immunoglobulin simultaneously at birth.  Vaccine fee is covered by the national health insurance (Excluded from routine vaccination coverage).  See in details at "New strategies for the prevention of mother to child transmission of HBV (in Japanese)" on the website of the Japan Pediatric Society.  http://www.jpeds.or.jp/modules/activity/index.php?content_id=141
Rotavirus	Live	①Recommended between 8 wks and under 15 wks (Vaccination possible from 6 wks after birth).  • RV1 vaccine (Rotarix®): For①-②, a total of 2 doses with an interval of ≥4 wks.  • RV5 vaccine (RotaTeq®): For ①-②-③, a total of 3 doses with ≥4 wks between doses.	As a general rule, we do not recommend the first dose of vaccination after 15 wks of age because of the increase in risk of intussusception within 7 days of first vaccination.	(footnote2) Total 2 doses, ② to be completed within 24 <sup>th</sup> wks of age.     (footnote3) Total 3 doses, ③ to be completed within 32 <sup>nd</sup> wks of age.     Priority is given to completing the series with the same vaccine     , because interchangeability of RV1 and RV5 has not been confirmed yet.     Re-vaccination after vomiting the vaccine is not apporoved as routine vaccination     Please refer to the "Q&A for Rotavirus Vaccine" published by the Japan Association of Vaccine Industries for more details (in Japanese) .  https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/kenkou_iryou/kenkou/index_00001.html     See "Guideline for Vaccination of the Immunocompromised Host 2024(in Japanese)" for details on rotavirus vaccinations in children whose mother received treatment with biological products during pregnancy.





Routine	Voluntary	By Health
Vaccination	Vaccination	Insurance

•	1	T		Vaccination Vaccination Insurance
Vaccine	Type	Standard Age of Vaccination and Period	Perspective of the Japan Pediatrics Society	Precautions
Pneumococal, Conjugate (PCV)	Inactivated	≥27 days (4 wks) interval between ①-②-③ ≥60 days (2 mos) interval between ③-④ and administered when the child is 1 yr - 1 yr 3 mos		<ul> <li>If first dose administered between 7 mos-11 mos: ③ can be administered after an interval of ≥60 days following ② and after 1 yr of age.</li> <li>If first dose administered between 1 yr-23 mos: ≥60 days interval between ①-②</li> <li>If the first dose administered between 2 yrs and 4 yrs: only ①</li> <li>(Footnote4) Regarding the schedule of voluntary vaccinations, please refer to the "Vaccination of Children (under 15 yrs) with Voluntary Vaccines (in Japanese)" on the website of the Japan Pediatric Society</li> <li>http://www.jpeds.or.jp/modules/activity/index.php?content_id=316</li> </ul>
DPT-IPV-Hib	Inactivated	days (3-8 wks) For ③-④, ≥6 mos interval is necessary (generally, ④ is given by 18 mos after ③)	① is recommended to be vaccinated as early as possible, at least 6 mos after ③ and beyond the age of 1 yr	DPT-IPV-Hib vaccine is limited to four doses and cannot be used as a booster dose before elementary school
Diphtheria, Pertussis, Tetanus (DPT)		Intervals for $\textcircled{1}$ - $\textcircled{2}$ and $\textcircled{2}$ - $\textcircled{3}$ are 20-56 days (3-8 wks) For $\textcircled{3}$ - $\textcircled{4}$ , $\succeq$ 6 mos interval is necessary (generally, $\textcircled{4}$ is given by 12-18 mos after $\textcircled{3}$ )	$\P$ is recommended to be vaccinated as early as possible, at least 6 mos after $\P$ and beyond the age of 1 yr	
Diphtheria, Pertussis, Tetanus (DPT) (For the prevention pertussis after entering elementary school)	Inactivated	<ul> <li>\$ ≥5 yrs, &lt;7 yrs, ≥6 mos between</li> <li>⊕-\$</li> <li>6 11-12 yrs</li> </ul>	(Footnote5) Because of the decline in pertussis antibody titers in children around 10yrs old, it is recommended that the DPT vaccine given as a booster dose at preschool when four doses of DPT, DPT-IPV, or DPT-IPV-Hib vaccine have been administered.  (Footnote 6) It is possible to use DPT vaccine instead of DT vaccine to prevent pertussis.	0.5mL per dose



October 27, 2024

Routine

Vaccination

Voluntary

Vaccination

By Health Insurance

Standard Period, Perspective of the Japan Pediatric Society, Precautions

Vaccine	Туре		Perspective of the Japan Pediatrics Society	Precautions
Diphtheria, Tetanus (DT)	Inactivated	①: At 11 yrs until reaching 12 yrs		• According to the Immunization Law, ≥11 yrs, <13 yrs.
Inactivated poliovirus (IPV)			9 is recommended to be vaccinated as early as possible, at least 6 mos after $3$ and beyond the age of 1 yr	
Inactivated poliovaccine (IPV) (For the prevention polio after entering elementary school)	macuvateu	⑤ ≥5 yrs, <7 yrs	(Footnote 7) is recommended as a booster dose of inactivated polio vaccine at entering elementary school, before antibody titer against polio decreases	0.5mL per dose
Haemophilus influenzae type b (Hib)		27-56 days (4-8 wks) interval between ①-②-③ 7-13 mos interval between ③-④	4 should be given ≥7 mos after $3$ , and as soon as possible after the age of 1 year.	<ul> <li>If the first dose is administered between 7 mos and 11 mos:≥27 (20) days interval between ①-②, and the typical interval between ①-② is 27-56 days (4-8 wks). ≥7 mos interval between ②-③, and the typical interval between ②-③ is 7-13 mos.</li> <li>If the first dose is administered between 1 yr and 4 yrs: only ① (Footnote 8) Vaccine can be administered for children ≥5 yrs if they have risk factor.</li> </ul>
Diphtheria, Pertussis, Tetanus, Polio (DPT-IPV)	Inactivated	Intervals for $\textcircled{1}-\textcircled{2}$ and $\textcircled{2}-\textcircled{3}$ are 20-56 days (3-8wks) For $\textcircled{3}-\textcircled{4}$ , $\ge 6$ mos interval is necessary (generally, $\textcircled{4}$ is given 12-18 months after $\textcircled{3}$ )		Maximum of four doses is approved for DPT-IPV. Therefore, for booster doses more than 4th doses, DPT and IPV should be used.

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Standard Period, Perspective of the Japan Pediatric Society, Precautions

Routine
Vaccination







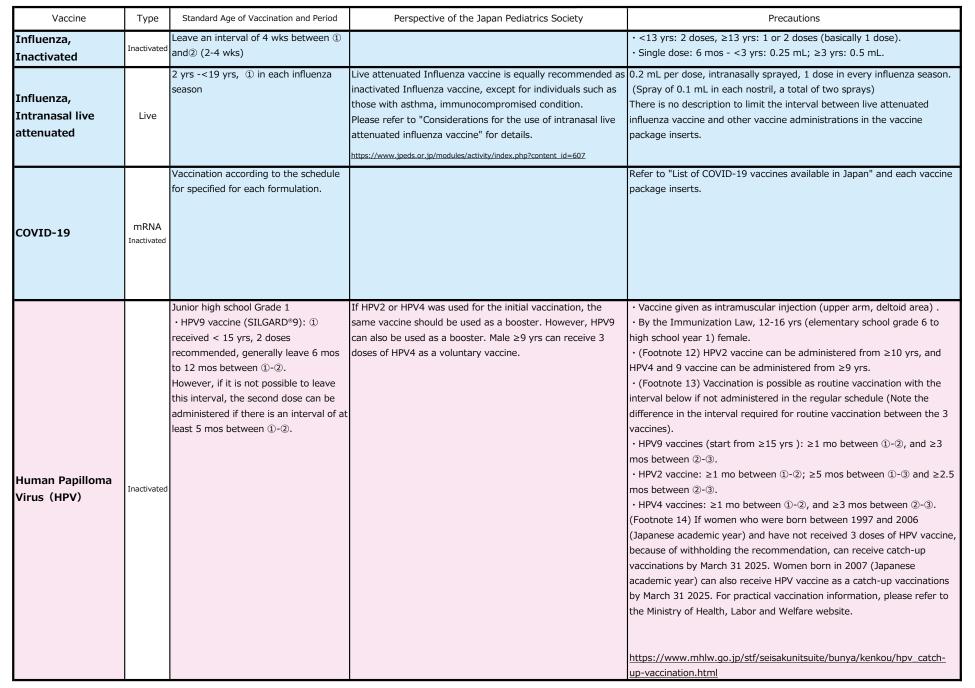
Vaccine	Туре	Standard Age of Vaccination and Period	Perspective of the Japan Pediatrics Society	Precautions
всс	Live	Administered under 12 mos of age, generally administered during the period from 5 mos to <8 mos.	Early vaccination required in areas where incidence of tuberculosis is high.	
Measles, Rubella (MR)	Live	①: 1 yr - <2 yrs ②: ≥5 yrs - <7 yrs (footnote 9) 1 year before entering		• Vaccination possible ≥6mos for post-exposure prophylaxis; however, the vaccine is not counted, regular ① and ② need to be vaccinated.
Varicella	Live	①: 12-15 mos ②: 6-12 mos after ①	(Footnote 10) It is necessary to provide 2 doses of varicella vaccine for children who are not suffered from varicella and unvaccinated.	<ul> <li>①-②: Leave an interval of ≥3 mos as a routine vaccination.</li> <li>①-②: Leave an interval of ≥3 mos if ≥3 yrs - &lt;13 yrs (voluntary vaccination)</li> <li>①-②: Leave an interval of ≥4 wks if ≥13 yrs (voluntary vaccination)</li> </ul>
Mumps	Live	①: ≥1 yr ②: ≥5 yrs - <7 yrs	(Footnote 11) To ensure vaccine efficacy, 2 doses are necessary. ①: early vaccination at 1 yr of age ②: simultaneous administration with the 2 <sup>nd</sup> dose of MR (≥5 yrs - <7 yrs, 1 year before entering elementary school is recommended).	
Japanese Encephalitis	Inactivated	①, ②: 3 yrs, leave a 6-28 days (1-4wks) interval between ①-② ③: 4 yrs, leave a year after ② ④: 9 yrs	JE vaccine is recommended from 6 mos of age in children who will travel or stay in the endemic area of JE, or live in the area where high prevalence of JE antibody in pigs. "Recommendation for JE vaccine from 6 mos of age in children with high risks for JE (in Japanese)".  http://www.ipeds.or.jp/modules/activity/index.php?content_id=207	<ul> <li>A dose per vaccination: 6mos- &lt;3 yrs: 0.25mL; ≥3 yrs: 0.5mL</li> <li>For general routine vaccinations, first set administered from 6 mos to under 90 mos (7.5 yrs), and second set at age 9 to under 13 yrs.</li> <li>Interval of ≥6 days between ①-②, ≥6 mos between ② and ③.</li> <li>For children who were born from April 2, 1995 to April 1, 2007, it is possible to receive vaccine as a routine vaccine if they did not receive 1st stage (①, ②, ③) during 6 mos-&lt;90 mos (7 yr 6mos) or 9 yrs to &lt;13 yrs.</li> <li>Due to the assertive recommendation to refrain from administration in May 2005, a detailed schedule for those who were born between April 2, 1995 and October 1, 2007 (in Japanese).</li> <li>https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/kenkou_iryou/kenkou/kekkaku-kansenshou/yobou-sesshu/vaccine/japanese-encephalitis/index.html</li> </ul>

October 27, 2024

Standard Period, Perspective of the Japan Pediatric Society, Precautions

Routine Vaccination

Voluntary Vaccination By Health Insurance





# Immunization Check List

				Naı	me	:									Dat	te of	Birth	ı:		/		/		_			Routi	ne va	accin	e	Vol	luntar	y vac	ine
Vaccines	Type			Dose	e 1					Do	se 2					Dos	se 3					Dose	e 4				Dos	se 5			С	ose 6	ı	
Hepatitis B (HBV)	Inactivated		(		/	/	)		(		/	/	)		(		/	/	)															
Rotavirus	Live		(		/	/	)		( Dose	2 final fo	/ or RV1 (R	/ .otarix®)	)		( Dose 3	final for	/ RV5 (Ro	/ taTeq®)	)															
Pneumococcal conjugate (PCV15,PCV20)	Inactivated		(		/	/	)		(		/	/	)		(		/	/	)		(		/	/	)	( R	efer to F	/ ootnote 2	/ 24	)				
DPT-IPV-Hib or DPT- IPV or DPT+IPV	Inactivated		(		/	/	)		(		/	/	)		(		/	/	)		(		/	/	)									
Diphtheria, Pertussis, Tetanus (DPT) (post school age prevention for pertussis)	Inactivated																									(		/	/	)	(	/	/	)
Diphtheria, Tetanus (DT)	Inactivated																									(		/	/	)				
Polio (post school age prevention for polio)	Inactivated																									(		/	/	)				
Haemophilus influenzae type b (Hib)	Inactivated		(		/	/	)		(		/	/	)		(		/	/	)		(		/	/	)									
BCG	Live		(		/	/	)																											
Measles, Rubella (MR)	Live		(		/	/	)		(		/	/	)																					
Varicella	Live		(		/	/	)		(		/	/	)																					
Mumps	Live		(		/	/	)		(		/	/	)																					
Japanese encephalitis	Inactivated		(		/	/	)		(		/	/	)		(		/	/	)		(		/	/	)									
Influenza	Inactivated or Live	(A	nnua	l vacci	inat	ion is	s rec	omm	nend	ed, p	lease	refe	r to	the I	nflue	nza \	Vacci	natio	n ch	eckli	st)													
COVID-19	mRNA or Inactivated	(A	nnua	l vacci	inat	ion is	s rec	omm	nend	ed, p	lease	refe	r to	the (	COVID	D-19	Vacc	inati	on cl	neckl	ist)													
Human papillomavirus (HPV)	Inactivated		(		/	/	)	started		the maxi				vaccine valent	/ valent va e (Gardas vaccine (s if started	sil®) requi Silgard®9	ire three 9) also re	doses.	The 9-															

## Influenza Vaccination Checklist

	Name :		Date of Birth :	/ /	
Age	Dose 1	Dose 2	年齢	Dose 1	Dose 2
6-11 mos	□ Inactivated (  / / )	□ Inactivated (  / / )	8 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )
1 yr	□ Inactivated (  / / )	□ Inactivated (  / / )	9 yrs	□ Inactivated □ Live (  / / )	□ Inactivated (  / / )
2 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )	10 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )
3 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )	11 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )
4 yrs	□ Inactivated □ Live (  / / )	□ Inactivated (  / / )	12 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )
5 yrs	□ Inactivated □ Live (  / / )	□ Inactivated (  / / )	13 yrs	□ Inactivated □ Live ( / / )	
6 yrs	□ Inactivated □ Live ( / / )	□ Inactivated (  / / )	14 yrs	□ Inactivated □ Live (  / / )	
7 yrs	☐ Inactivated ☐ Live	□ Inactivated (  / / )	15 yrs	□ Inactivated □ Live ( / / )	

Live attenuated influenza vaccine is administered as a single dose each influenza season.

# **COVID-19 Vaccination Checklist**

Number of doses differs by COVID-19 vaccine products and the purpose of vaccination.

Name: Date of Birth: /	,
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Age													
	Product												
6-11 mos	name												
	Date	(	/	/	)	(	/	/	)	(	/	/	)
	Product												
1 yr	name												
	Date	(	/	/	)	(	/	/	)	(	/	/	)
	Product												
2 yrs	name												
	Date	(	/	/	)	(	/	/	)	(	/	/	)
	Product												
3 yrs	name												
	Date	(	/	/	)	(	/	/	)	(	/	/	)
	Product												
4 yrs	name												
	Date	(	/	/	)	(	/	/	)	(	/	/	)
	Product												
5 yrs	name												
	Date	(	/	/	)	(	/	/	)				
	Product												
6 yrs	name												
	Date	(	/	/	)	(	/	/	)				
	Product												
7 yrs	name												
	Date	(	/	/	)	(	/	/	)				

Age									
	Product								
8 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
9 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
10 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
11 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
12 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
13 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
14 yrs	name								
	Date	(	/	/	)	(	/	/	)
	Product								
15 yrs	name								
	Date	(	/	/	)	(	/	/	)

#### List of COVID-19 vaccines available in Japan (as of October 2024)

Manufacturer	Trade Name	Vaccine Antigen (Variants)	Modality	Approved Ages	Dosage	Administration Route	Doses and Intervals between doses
Pfizer Japan Inc.	COMIRNATY for 6 mos to 4 yrs	SARS-CoV-2 Omicron variant JN.1 lineage	mRNA	6 mos - 4 yrs	0.3 mL per dose	Intramuscular	Initial series (no prior SARS-CoV-2 vaccine):  3 doses (Dose 1 and Dose 2, 3 weeks apart, Dose 3 at least 8 weeks after Dose 2).  Booster (any prior SARS-CoV-2 vaccine):  1 dose at least 3 months after the last SARS-CoV-2 vaccine.
	COMIRNATY for 5 to 11 yrs		mRNA	5 - 11 yrs	0.3 mL per dose	Intramuscular	Booster: 1 dose at least 3 months after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.
	COMIRNATY for 12 yrs and older		mRNA	12 yrs and older	0.3 mL per dose	Intramuscular	Booster: 1 dose at least 3 months after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.
Moderna Japan Co. Ltd	SPIKEVAX		mRNA	6 mos - 4 yrs	0.25 mL per dose	Intramuscular	For person with no prior SARS-CoV-2 vaccine: 2 doses typically 4 weeks apart as initial series.
				5 - 11 yrs	0.25 mL per dose	Intramuscular	Booster: 1 dose at least 3 months after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.
				12 yrs and older	0.5 mL per dose	Intramuscular	Booster: 1 dose at least 3 months after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.
Daiichi Sankyo Co., Ltd.	DAICHIRONA		mRNA	12 yrs and older	0.6 mL per dose	Intramuscular	Booster: 1 dose at least 3 months after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.
Takeda Pharmaceutical Co., Ltd.	NUVAXOVID		Recombinant protein	6 - 11 yrs	0.5 mL per dose	Intramuscular	For person with no prior SARS-CoV-2 vaccine: 2 doses typically 3 weeks apart as initial series.
				12 yrs and older	0.5 mL per dose	Intramuscular	Booster: 1 dose <u>at least 6 months</u> after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.
Meiji Seika Pharma Co., Ltd.	KOSTAIVE		mRNA (replicon)	18 yrs and older	0.5 mL per dose	Intramuscular	Booster: 1 dose at least 3 months after the last SARS-CoV-2 vaccine.  If no prior SARS-CoV-2 vaccine, administer 2 doses approximately 4 weeks apart.