

№477, 7-fevral, 2022 y.

COVID-19 ga qarshi vaksinalarning
ishlanmalari bo'yicha

DAYJEST

O'zbekiston Respublikasi Innovatsion rivojlanish vazirligi huzuridagi
Ilmiy-texnik axborot markazi











Toshkent-2022

Jahonda pandemiya bilan bog'liq vaziyat

2022 y. 6-fevral holatiga ko'ra

Umumiy zararlanganlar soni	-	393 945 627	(+ 2 238 647)
Sog'ayganlar soni	-	312 760 766	(+ 2 115 041)
Vafot etganlar soni	-	5 752 041	(+ 8 376)

Mamlakatlar bo'yicha bemorlar soni

	AQSh	-	76 882 290	(+ 302 177)
	Hindiston	-	41 803 318	(+ 172 433)
	Braziliya	-	25 813 685	(+ 188 552)
	Fransiya	-	19 872 989	(+ 315 363)
	Buyuk Britaniya	-	17 515 199	(+ 88 085)
	Rossiya	-	12 128 796	(+ 141 883)
	Turkiya	-	11 833 165	(+ 110 682)
	Italiya	-	11 235 745	(+ 118 994)
	Germaniya	-	10 303 100	(+ 223 322)
	O'zbekiston	-	229 628	(+ 832)

Manba: <https://www.worldometers.info/coronavirus/>



O'zbekistonda COVID-19 qarshi vaksinatsiya bo'yicha hisobot

2022 y. 5-fevral holatiga ko'ra

Hududlar	Jami emlanganlar soni	Bir kunda emlanganlar soni
Qoraqalpog'iston Respublikasi	2 139 646	2 153
Andijon viloyati	4 104 830	14 962
Buxoro viloyati	2 358 502	4 473
Jizzax viloyati	1 467 782	1 878
Qashqadaryo viloyati	3 300 839	10 921
Navoiy viloyati	1 347 811	1 756
Namangan viloyati	3 927 268	6 380
Samarqand viloyati	5 137 906	6 082
Surxondaryo viloyati	3 362 401	6 733
Sirdaryo viloyati	911 066	1 110
Toshkent viloyati	4 001 041	6 231
Farg'ona viloyati	4 614 666	8 871
Xorazm viloyati	2 537 661	3 452
Toshkent sh.	3 334 660	11 418
Jami	42 546 079	86 420

Manba: SSV matbuot kotibi // <https://t.me/ssvmatbuotkotibi>



JSST tomonidan baholash jarayonida COVID-19 ga qarshi vaksinlarning holati

2022 y. 4-fevral holatiga ko'ra

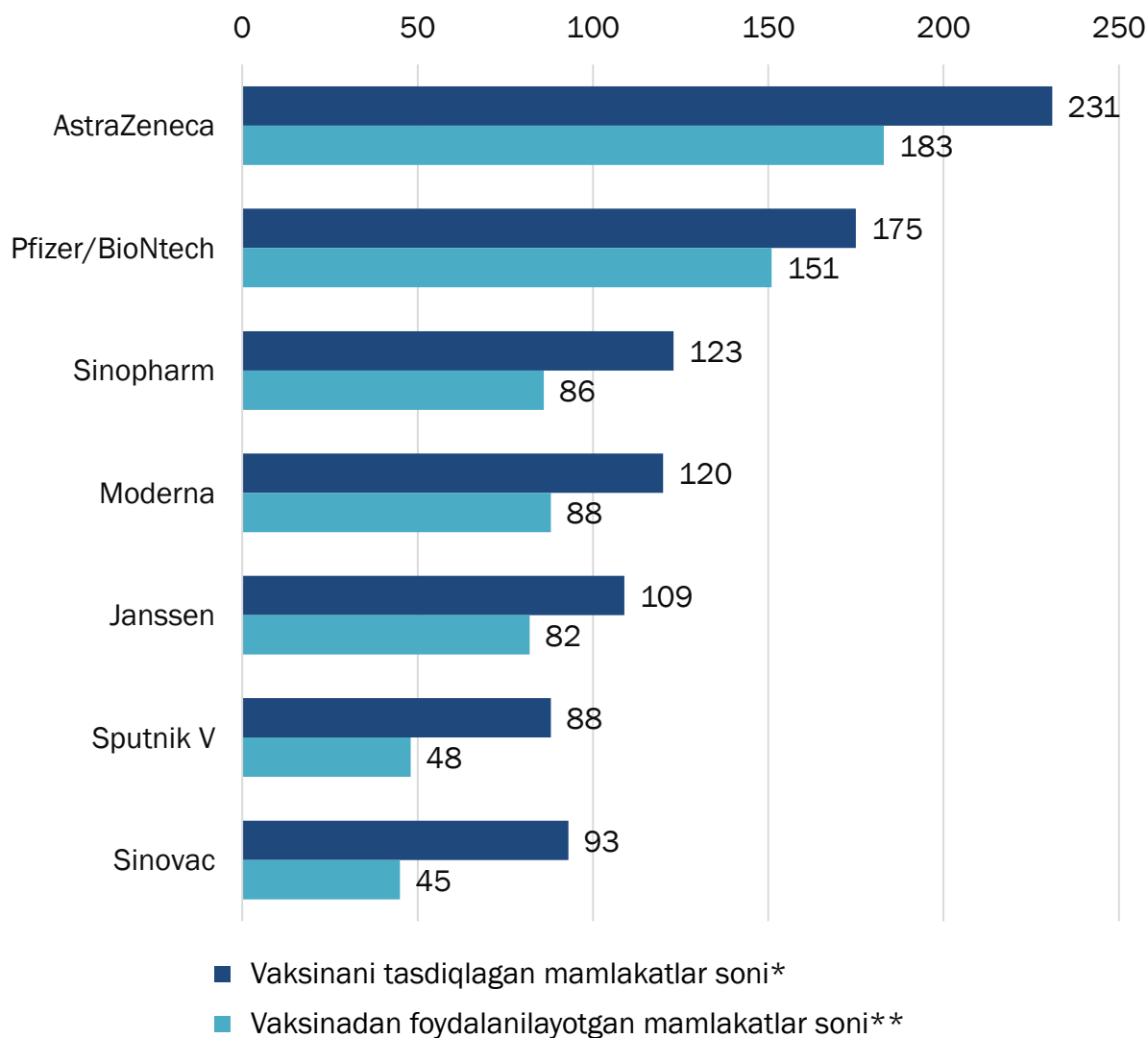
№	Ishlab chiqaruvchi	Vaksina nomi	Platforma	Arizalarni qabul qilish	Uchrashuv o'tkazish	Ma'lumotnomani ko'rib chiqish uchun qabul qilish	Baholash holati	Kutilayotgan chiqish sanasi
1	Pfizer	BNT162b2/COMIRNATY	mRNA	+	+	+	Yakunlangan	Tasdiqlangan 31.12.2020
2	AstraZeneca/University of Oxford	AZD1222	Recombinant replication defective chimpanzee adenovirus expressing surface glycoprotein SARS-CoV-2	+	+	+	Yakunlangan	Tasdiqlangan 15.02.2021
3	Janssen	Ad26.COV2.S	Recombinant vector vaccine against adenovirus type 26 (Ad26), incapable of replication, encoding Spike (S) protein (SARS-CoV-2)	+	+	+	Yakunlangan	Tasdiqlangan 12.03.2021
4	SK BIOscience - AstraZeneca/University of Oxford	AZD1222	Recombinant adenoviral vector ChAdOx1 encoding the Spike SARS-CoV-2 protein antigen	+	+	+	Yakunlangan	Tasdiqlangan 16.04.2021
5	Serum institute of India	Covishield	mRNA-based vaccine encapsulated in lipid nanoparticles	+	+	+	Yakunlangan	Tasdiqlangan 30.04.2021
6	Moderna	mRNA-1273	Inactivated, produced in Vero cells	+	+	+	Yakunlangan	Tasdiqlangan 07.05.2021
7	Sinopharm / BIBP	SARS-CoV-2 Vaccine (Vero Cell), Inactivated (InCoV)	Inactivated, produced in Vero cells	+	+	+	Yakunlangan	Tasdiqlangan 01.06.2021
8	Sinovac	SARS-CoV-2 Vaccine (Vero Cell), Inactivated	Protein subunit virus-like particle vaccine	+	+	+	Yakunlangan	Tasdiqlangan 17.12.2021
9	Novavax	NVX-CoV2373, Covovax, Nuvaxovid						

Manba:

Status of COVID-19 Vaccines within WHO EUL // https://extranet.who.int/pqweb/sites/default/files/documents/Status_COVID_VAX_20Oct2021.pdf

Vaksinani tasdiqlagan va undan foydalanilayotgan mamlakatlar soni

2022 y. 4-fevral holatiga ko'ra



Manbalar:

*Approved or Authorized Vaccines // <https://www.nytimes.com/interactive/2020/science/coronavirus-vaccine-tracker.html>

COVID-19 Vaccine Market Dashboard //

<https://www.unicef.org/supply/covid-19-vaccine-market-dashboard>

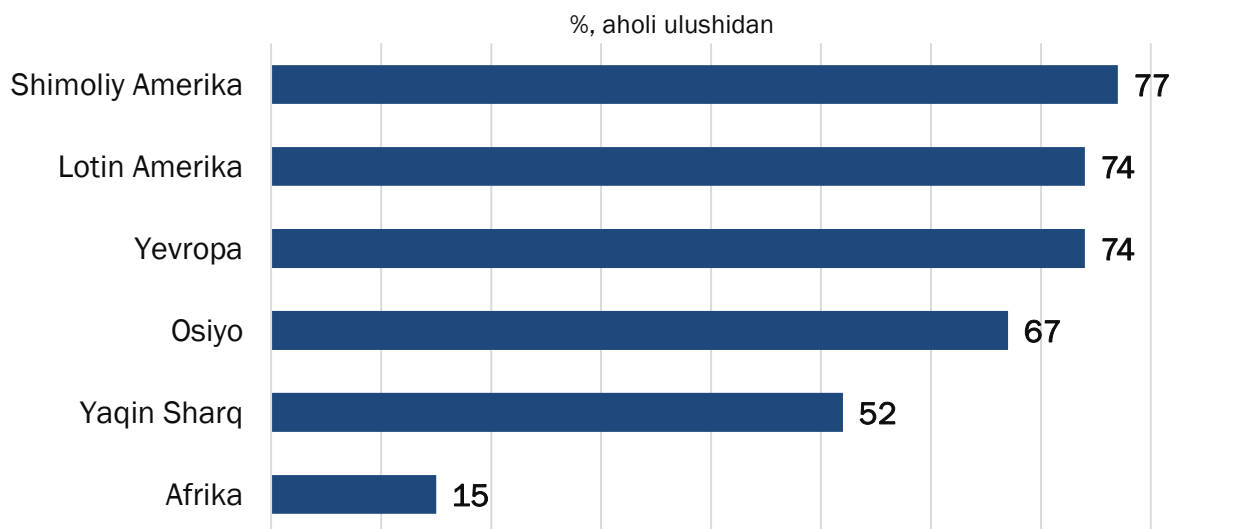
**Tracking Coronavirus Vaccinations Around the World //

<https://www.nytimes.com/interactive/2021/world/covid-vaccinations-tracker.html>

Mamlakatlar va kontinentlar kesimida COVID-19 ga qarshi emlanganlar soni

2022 y. 4-fevral holatiga ko'ra

№	Davlatlar	Emlanganlar soni		Aholining umumiy sonida emlanganlarning ulushi	
		100 ta kishiga	Jami	Bitta doza bilan emlangan	To'liq emlangan
	Dunyo	131	10 034 508 831	63%	53%
1	BAA	240	23 452 398	>99%	95%
2	Bruney	223	965 131	94%	93%
3	Portugaliya	208	21 328 025	93%	90%
4	Kuba	300	33 968 091	93%	87%
5	Chili	245	46 450 064	93%	89%
6	Malta	240	1 206 841	92%	89%
7	Xitoy	214	2 989 480 000	91%	88%
8	Argentina	193	86 525 418	88%	77%
9	Kambodja	200	33 050 752	87%	83%
10	Ispaniya	191	89 717 860	87%	81%



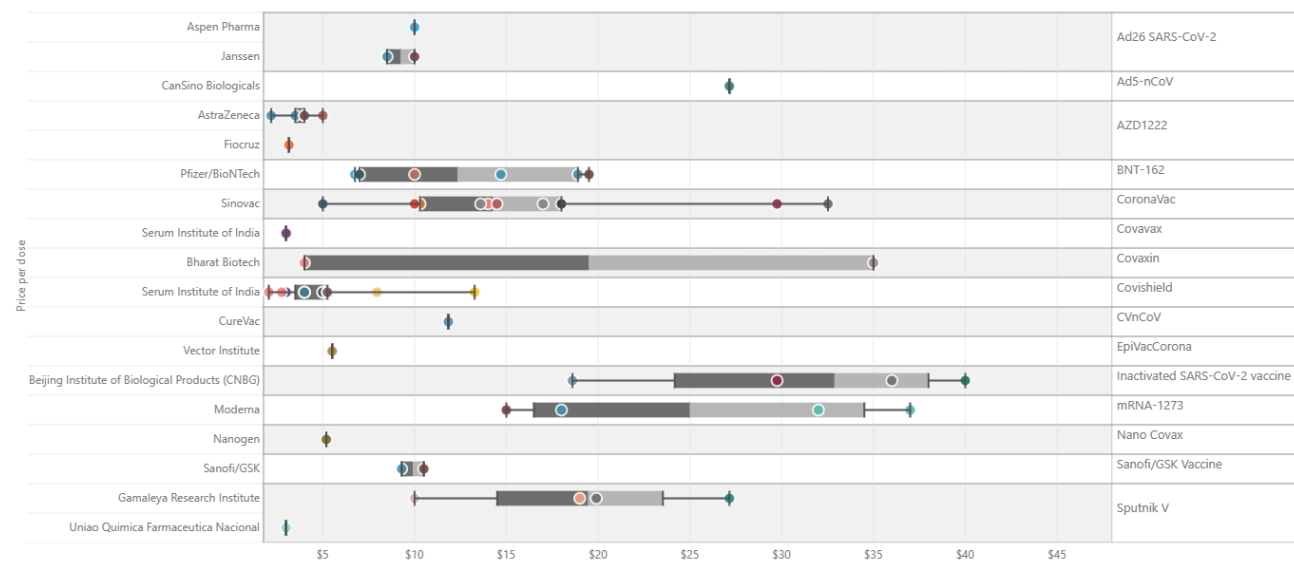
Manba:
Tracking Coronavirus Vaccinations Around the World // <https://www.nytimes.com/interactive/2021/world/covid-vaccinations-tracker.html>



COVID-19 ga qarshi vaksinalarning narxi

2022 y. 4-fevral holatiga ko'ra

No	Vaksinaning ishlab chiqaruvchisi	Vaksinalarning narxi (bitta doza uchun)*
1	Pfizer	\$6,75-22,94
2	AstraZeneca/University of Oxford	\$2,19-5
3	Serum institute of India	\$3-13,27
4	Sinopharm	\$144,27 (2 ta doza uchun)
5	Sinovac	\$10,30-29,75
6	Moderna	\$15-37
7	Janssen	\$8,50-10
8	The Gamaleya National Center (Sputnik V)	\$11-19,90



Manba:

* COVID-19 Vaccine Market Dashboard //

[https://www.unicef.org/supply/covid-19-vaccine-market-](https://www.unicef.org/supply/covid-19-vaccine-market-dashboar?utm_source=facebook&utm_medium=organic&utm_campaign=coronavirus&fbclid=IwAR101804JupyKfUU1u6osTc-nNVGj7kiYDI8eJtiMUgjEIALGhYO3w0EE)

[dashboar?utm_source=facebook&utm_medium=organic&utm_campaign=coronavirus&fbclid=IwAR101804JupyKfUU1u6osTc-nNVGj7kiYDI8eJtiMUgjEIALGhYO3w0EE](https://www.unicef.org/supply/covid-19-vaccine-market-dashboar?utm_source=facebook&utm_medium=organic&utm_campaign=coronavirus&fbclid=IwAR101804JupyKfUU1u6osTc-nNVGj7kiYDI8eJtiMUgjEIALGhYO3w0EE)



Pfizer bolalar uchun COVID-19 ga qarshi vaksinani tasdiqlash maqsadida FDAga ariza topshirdi

Pfizer AQSH oziq-ovqat va farmatsevtika idorasidan (FDA) 5 yoshgacha bo'lgan bolalar uchun COVID-19 vaksinasining ultra past dozalariga ruxsat berishni so'radi va bu yosh guruhiga 2-martdan boshlab vaktsinalarni qo'llashni boshlashi mumkinligini ma'lum qildi.

Arizada vaksinaning ikki dozasi xavfsizlik va samaradorlik to'g'risidagi ma'lumotlarni o'z ichiga oladi, shuningdek, kompaniya kelgusi oylarda uchinchi doza uchun ma'lumotlarni taqdim etishni rejalashtirayotganini ma'lum qildi. Uchinchi doza birlamchi emlash seriyasining bir qismi hisoblanadi, dedi kompaniya.



“Covid-19 sababli 5 yoshgacha bo'lgan bolalarni kasalxonaga yotqizish keskin ko'payganligi sababli, FDA bilan bizning umumiy maqsadimiz kelajakdagi variantlarning keskin o'sishiga tayyorgarlik ko'rish va ota-onalarga o'z farzandlarini ushbu virusdan himoya qilishga yordam berishdir”, dedi Pfizer bosh direktori Albert Burla. Mamlakatdagi 5 yoshgacha bo'lgan 19 million bola hali koronavirusga qarshi emlash huquqiga ega bo'lmagan yagona guruhdir [3].

Amerikalik olimlar tomonidan koronavirusga qarshi kuchaytiruvchi doza mavjud vaksina ishlab chiqilmoqda

Professor Robert Langer va uning AQSHdagi Massachusetts texnologiya instituti laboratoriyasidagi hamkasblari Bill va Melinda Geyts fondi bilan hamkorlik qilishdi. Olimlar preparatning kuchaytiruvchi o'z ichiga olgan koronavirusga qarshi vaksina ishlab chiqmoqda. Bu haqda Moderna asoschilaridan biri professor Langer Ispaniyaning El Pais gazetasiga bergan intervyusida ma'lum qildi [4].

Bir martalik inyeksiya olti oy, bir yil hatto o'n yildan keyin preparatning turli dozalarini ishlab chiqaruvchi turli xil nanozarrachalarni o'z ichiga oladi, dedi Langer. Bunday qaror nafaqat koronavirus infeksiyasiga, balki boshqa xavfli kasalliklarga ham tegishli bo'ladi.



“Koronavirus hamon so‘nggi natijani ko‘rsatmaganidan xavotirdaman. Bill va Melinda Geyts jamg‘armasi bilan hamkorlikda biz MITdagi laboratoriyamizda kelajakda ko‘mak beradigan allaqachon o‘zining kuchaytiruvchi dozasi o‘z ichiga oladigan vaksinalar ustida ishlamoqdamiz”, dedi Langer. Shu bilan birga, olim bunday “vaksina hali bemorlarda sinovdan o‘tkazishga tayyor emasligini” ta’kidladi [5].



Buyuk Britaniya AQSHning koronavirusga qarshi Novavax vaksinasini tasdiqladi



Buyuk Britaniya AQSHning Novavax kompaniyasi tomonidan ishlab chiqilgan beshinchi COVID-19 vaksinasini tasdiqladi. Klinik sinovlarda Nuvaxovid savdo belgisi ostida tanilgan Novavax preparati koronavirusga qarshi 89% samarali ekanligi isbotlangan [6]. Buyuk Britaniyaning Dori va sog'liqni saqlash mahsulotlarini tartibga solish agentligi vakcina kattalar uchun birinchi va ikkinchi doza sifatida xavfsiz ekanligini ma'lum qildi.

“Preparat talab qilinadigan xavfsizlik, sifat va samaradorlik standartlariga muvofiqiqligi har tomonlama tekshirilgandan so'ng tasdiqlandi”, — dedi regulyator.

Ta'kidlanganidek, qaror qabul qilishdan oldin Agentlik deyarli 50 ming kishi ishtirok etgan ikkita yirik klinik sinov natijalarini ko'rib chiqdi [6]. Buyuk Britaniya aholisining 91% allaqachon ikki marta dozani olganligi sababli, bu yilning kuzida yoki qishda zarur bo'lgan kuchaytiruvchi dozaning bir qismi sifatida qo'llanilishi mumkin.



Eslatib o'tamiz, bu Britaniya hukumati mamlakatda koronavirusga qarshi foydalanishga ruxsat bergan beshinchi(AstraZeneca, Pfizer, Moderna va Johnson & Johnson dan keyin) vaksinadir. Vakcina, oqsil qo'shimchali vakcina bo'lib, o'nlab yillar davomida insonlarni gepatit va temiratki kabi kasalliklardan himoya qilish uchun qo'llanilgan texnologiyaga asoslangan.

Nuvaxovid boshqoq oqsilining nusxalarini virus yuzasiga to'g'ridan-to'g'ri inson hujayralariga yetkazib beradi, bu esa immun tizimini antitanalar va T hujayralari ishlab chiqarishni rag'batlantiradi. Qo'shimcha tarkibiy qism - yordamchi - immunitetni kuchaytirishga yordam beradi. Olimlarning ta'kidlashicha, bu yondashuv ishlab chiqarishni soddalashtiradi va uni oddiy muzlatgichda saqlash yetarli [7].



Rossiyada revaksinatsiya uchun nazal vakcina qo'llaniladi

Koronavirus infeksiyasiga qarshi nazal vaksinasini fuqarolarni qayta emlash uchun qo'llash rejalashtirilmoqda, deb xabar qildi Rossiya Sog'liqni saqlash vazirligi matbuot xizmati. "Sinovlar yakunlanib, ro'yxatdan o'tganlik guvohnomasi olinganidan so'ng preparat fuqarolarni qayta emlash uchun qo'llanilishi rejalashtirilgan", – deyiladi xabarda [8].

"Sputnik V" vaksinasining nazal shaklini o'rganish uning xavfsizligi va samaradorligini tasdiqlaydi, dedi matbuot xizmati. Tadqiqotlarning birinchi va ikkinchi bosqichlari katta yoshdagi ko'ngillilar ishtirokida o'tkaziladi.



"COVID-19 profilaktikasi uchun dori vositalari arsenalini kengaytirish odamlar salomatligini infeksiyadan yanada himoya qiladi", dedi Rossiya sog'liqni saqlash vazirining yordamchisi Aleksey Kuznetsov jurnalistlarga bergan intervyusida.

Markaz direktori Gamaley Aleksandr Gintsburg ilgari bunday vakcina inyeksiyaga muqobil bo'lib qolmasligini, balki yuqori nafas yo'llarini qo'shimcha himoya qilishini ta'kidlagan edi [9].

1. Reported Cases and Deaths by Country, Territory, or Conveyance // <https://www.worldometers.info/coronavirus/> (6.02.2022)
2. Approved or Authorized Vaccines // <https://www.nytimes.com/interactive/2020/science/coronavirus-vaccine-tracker.html> (6.02.2022)
3. COVID-19 Vaccine Market Dashboard // <https://www.unicef.org/supply/covid-19-vaccine-market-dashboard> (6.02.2022)
4. Tracking Coronavirus Vaccinations Around the World // <https://www.nytimes.com/interactive/2021/world/covid-vaccinations-tracker.html> (6.02.2022)
5. Pfizer asks FDA to allow COVID-19 vaccine for kids under 5 // <https://medicalxpress.com/news/2022-02-pfizer-fda-covid-vaccine-kids.html> (6.02.2022)
6. Pfizer просит FDA разрешить вакцину от Covid для детей до 5 лет // <https://www.nbcnews.com/health/health-news/pfizer-asks-fda-authorize-covid-vaccine-kids-5-rcna14375> (6.02.2022)
7. Внедрить бустеры сразу в вакцину пробуют учёные США // <https://www.vesti.ru/nauka/article/2672090> (6.02.2022)
8. Novavax Covid jab approved by UK drugs regulator // <https://www.bbc.com/news/health-60245736> (6.02.2022)
9. Британия одобрила вакцину от коронавируса Novavax // <https://korrespondent.net/world/4443949-brytanyia-odobryla-vaktsynu-ot-koronavyrusa-Novavax> (6.02.2022)
10. Одобрена пятая вакцина против COVID-19 // <https://podrobnosti.ua/2437808-odobrena-pjataja-vaktsina-protiv-covid-19.html> (6.02.2022)
11. Минздрав планирует применять назальную вакцину для ревакцинации от COVID-19 // <https://ria.ru/20220203/vaktsina-1770812506.html> (6.02.2022)
12. Минздрав планирует использовать назальную вакцину от COVID-19 для ревакцинации // <https://www.vedomosti.ru/society/news/2022/02/03/907635-nazalnuyu-vaktsinu-revaktsinatsii> (6.02.2022)



2019-nCoV

Coronavirus
Covid-19

VACCINE

3 ml. / Injection only
Store below 30°C



O'zbekiston Respublikasi Innovatsion rivojlanish vazirligi huzuridagi
Ilmiy-texnik axborot markazi

Toshkent-2022