






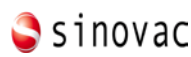






## WHO EUL/PQ status of COVID-19 Vaccines

17 April 2024

	Manufacturer / WHO EUL holder	Name of Vaccine	NRA of Record	Vaccination schedule	Shelf life	EUL / PQ decision date
		Platform			Presentation	
1.	 HIPRA	BIMERVAX Recombinant Protein	EMA	Individuals 16 years of age and older who have previously received a mRNA COVID-19 vaccine One dose ( <i>booster is not indicated in the PI</i> )	Shelf life - 15 months at 2°C to 8°C Presentation – 1 dose vials	PQ 09/10/2023
2.	 BioNTech Manufacturing GmbH	<ul style="list-style-type: none"> <li>BNT162b2/COMIRNATY (ancestral)</li> <li>Original/Omicron (bivalent)</li> <li>Omicron/XBB</li> </ul> Nucleoside modified mRNA	EMA FDA	One dose in individuals as of 5 years of age  <5 years of age - 2 doses 21 to 28 days apart	Shelf life - <b>24</b> months at -90°C to -60°C for monovalent vaccines and bivalent booster dose Omicron - XBB <b>18</b> months at -90°C to -60°C Presentation - Single dose and 6 doses vial	EUL 31/12/2020
3.	 AstraZeneca, AB	AZD1222 Vaxzevria Recombinant ChAdOx1 adenoviral vector encoding the Spike protein antigen of the SARS-CoV-2.	EMA	Individuals ≥18 years old - 2 doses between 8 to 12 weeks Homologous and heterologous booster for adults 18 years of age and older	Shelf life - 9 months at 2°C to 8°C Presentation - 8 doses and 10 doses vial	EUL 16/04/ 2021  <b>DELISTED</b> 21/03/2024
4.	 Serum Institute of India Pvt. Ltd	Covishield (ChAdOx1_nCoV-19) Recombinant ChAdOx1 adenoviral vector encoding the Spike protein antigen of the SARS-CoV-2	DCGI	Individuals ≥18 years old - 2 doses between 8 to 12 weeks Homologous and heterologous booster for adults 18 years of age and older	Shelf life - 9 months at 2°C to 8°C Presentation - 2 doses and 10 doses vial	EUL 15/02/2021  <b>DELISTED</b> 21/03/2024
5.	 Janssen–Cilag International NV	Ad26.COV2.S Recombinant, replication-incompetent adenovirus type 26 (Ad26) vectored vaccine encoding the (SARS-CoV-2) Spike (S) protein	EMA	Individuals ≥18 years old - one dose Homologous and heterologous booster for adults 18 years of age and older	Shelf life - 24 months -25°C to -15°C Presentation - 5 doses vial	EUL 12/03/2021
6.	 Moderna Biotech	mRNA-1273/Spikevax mRNA-based vaccine encapsulated in lipid nanoparticle (LNP)	EMA USFDA MFDS	Individuals as of 6 years of age - one dose	Shelf life - 9 months -20±5°C Presentation - 10 doses vial	EUL 30/04/2021
7.	 Beijing Institute of Biological Products Co., Ltd. (BIBP)	SARS-CoV-2 Vaccine (Vero Cell), Inactivated (InCoV) Inactivated, produced in Vero cells	NMPA	Individuals 3 years of age and older - two doses - 21 to 28 days apart	Shelf life - - 24 months at 2°C to 8°C Presentation - 1, 2 and 5 doses vial	EUL 07/05/2021
8.	 Sinovac Life Sciences Co., Ltd. Sinovac Life Sciences Co., Ltd.	COVID-19 Vaccine (Vero Cell), Inactivated/ Coronavac™ Inactivated, produced in Vero cells	NMPA	Individuals 3 to 59 years of age - two doses - 2 to 4 weeks apart	Shelf life 24 months at 2 °C to 8 °C Presentation - 1 dose and 2 doses vial	EUL 01/06/2021
9.	 Bharat Biotech, India	SARS-CoV-2 Vaccine, Inactivated (Vero Cell)/ COVAXIN Whole-Virion Inactivated Vero Cell	DCGI	Individuals 12 years of age and older	Shelf life - 9 months at 2 °C to 8 °C Presentation - 1 dose and 10 doses vial	EUL 03/11/2021 <b>SUSPENDED</b>
10.	 Serum Institute of India Pvt. Ltd.	NVX-CoV2373/Covovax Recombinant nanoparticle prefusion spike protein formulated with Matrix-M™ adjuvant	DCGI	Individuals 12 years of age and older Booster dose for adults 18 years of age and older	Shelf life - 9 months at 2°C to 8°C Presentation - 5 and 10 doses vials	EUL 17/12/2021

	Manufacturer / WHO EUL holder	Name of Vaccine		NRA of Record	Vaccination schedule	Shelf life		EUL / PQ decision date
		Platform				Presentation		
11.	 NOVAVAX	<ul style="list-style-type: none"> <li>• NVX-CoV2373/Nuvaxovid: Ancestral</li> <li>• Nuvaxovid: Omicron XBB1.5</li> </ul>	Recombinant nanoparticle prefusion spike protein formulated with Matrix-M™ adjuvant	EMA	One dose for Individuals 12 years of age and older	Shelf life - 9 months at 2°C to 8°C	Presentation - 5 and 10 doses vial	EUL 20/12/2021
12.	 康希诺生物 CanSinoBIO	Ad5-nCoV/Convidecia	Recombinant Novel Coronavirus Vaccine (Adenovirus Type 5 Vector)	NMPA	Individuals 18 to 59 years of age  Booster dose for adults 18 years of age and older	Shelf life - 12 months at 2°C to 8°C	Presentation - 1 dose and 3 doses vials	EUL 19/05/2022
13.	SK Bioscience	SKYCoVione (GBP510)	Recombinant protein subunit	MFDS	Individuals 18 to 65 years of age	Shelf life - 12 months at 2°C to 8°C	Presentation - 10 doses vial	EUL 16/06/2023
14.	Biological E	Corbevax	RBD antigen of SARS CoV-2 (Covid-19)	DCGI	Individuals aged 12 and older – two doses at least 4 weeks apart	Shelf life - 24 months at 2 °C - 8 °C	Presentation – 1 dose, 10 and 20 doses vial	EUL 15/01/2024

Please send any questions you may have to: [WHOEU@who.int](mailto:WHOEU@who.int)