

COVID-19 vaccines: authorised

 ema.europa.eu/en/human-regulatory/overview/public-health-threats/coronavirus-disease-covid-19/treatments-vaccines/vaccines-covid-19/covid-19-vaccines-authorized

11 janvier 2021

An official website of the European Union How do you know?

Vaccines authorised in the European Union (EU) to prevent COVID-19, following evaluation by the European Medicines Agency (EMA).

EMA is not involved in advising on **travel requirements** in the EU, such as vaccination, quarantine or testing for travellers.

Decisions about which COVID-19 vaccines are included, for example, in the **EU Digital COVID Certificate**, are taken by the EU Member States. EMA is in charge of the scientific evaluation of vaccines for EU marketing authorisation. The acceptability criteria for travel purposes are broader and can include, for example, World Health Organization (WHO) listed vaccines that have not necessarily undergone the EMA process of authorisation.

Official information on this topic is available in all EU languages at:

- Re-open EU website and mobile app
- EU Digital Covid Certificate

Authorised COVID-19 vaccines

The following **vaccines** can be used in the EU to prevent COVID-19:

Vaccine	Marketing authorisation holder	Key milestones	More information
Comirnaty (developed by BioNTech and Pfizer)	BioNTech Manufacturing GmbH	Conditional marketing authorisation issued: 21/12/2020 Annual renewal issued: 03/11/2021	Latest news Safety updates Clinical data (login required) Paediatric investigation plan
COVID-19 Vaccine Janssen	Janssen-Cilag International NV	Conditional marketing authorisation issued: 11/03/2021 Annual renewal application: under evaluation	Latest news Safety updates Clinical data (login required) Paediatric investigation plan

Vaccine	Marketing authorisation holder	Key milestones	More information
Nuvaxovid	Novavax CZ, a.s.	Conditional marketing authorisation issued: 20/12/2021	Latest news
Spikevax (previously COVID-19 Vaccine Moderna)	Moderna Biotech Spain S.L.	Conditional marketing authorisation issued: 06/01/2021 Annual renewal issued: 04/10/2021	Latest news Safety updates Clinical data (login required) Paediatric investigation plan
Vaxzevria (previously COVID-19 Vaccine AstraZeneca)	AstraZeneca AB	Conditional marketing authorisation issued: 29/01/2021 Annual renewal issued: 09/11/2021	Latest news Safety updates Clinical data (login required) Paediatric investigation plan

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For more information on how EMA evaluated these **vaccines**, see:

[COVID-19 vaccines: Scientific evaluation and approval](#)

Safety updates for authorised COVID-19 vaccines

EMA monitors the safety of COVID-19 vaccines authorised in the EU extremely carefully. This enables the detection of any **rare side effects** that may emerge once many millions of people are vaccinated.

Safety updates on each COVID-19 vaccine are available:

[Safety of COVID-19 vaccines](#)