



eHealth Network

Guidelines on

Value Sets for EU Digital COVID Certificates

Version 1.4

2021-10-13

The eHealth Network is a voluntary network, set up under article 14 of Directive 2011/24/EU. It provides a platform of Member States' competent authorities dealing with eHealth.

These guidelines describe value sets to be used for coded values in the contents of EU Digital COVID Certificates. The guidelines take into consideration the following documents:

- Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on a framework for the issuance, verification and acceptance of interoperable certificates on vaccination, testing and recovery to facilitate free movement during the COVID-19 pandemic (EU Digital COVID Certificate): [link](#)
- EU health preparedness: A common list of COVID-19 rapid antigen tests, including those of which their test results are mutually recognised, and a common standardised set of data to be included in COVID-19 test result certificates: [link](#)
- WHO Core data set for the Smart Vaccination Certificate: [link](#)

Adopted by the eHealth Network on 13 October 2021.

Version history

Version	Date	Changes
1.0	21 April 2021	First adopted version
1.1	12 May 2021	JSON schema detached
1.2	7 July 2021	Update name of the document, names of data fields and reference to the JSON schema specification, add new values
1.3	29 September 2021	Summary table of vaccine coding, addition of new values
1.4	13 October 2021	Addition of new values, technical clarifications

Table of Contents

- 1 Introduction 5**
- 2 Value Sets for the EU Digital COVID Certificates 6**
 - 2.1 Disease or agent targeted / Disease or agent the citizen has recovered from 6**
 - 2.2 Vaccine/prophylaxis..... 7**
 - 2.3 Vaccine medicinal product 7**
 - 2.4 Vaccine marketing authorization holder or Vaccine manufacturer 9**
 - 2.5 Number in a series of vaccinations / doses 11**
 - 2.6 Member State or third country of vaccination/test 11**
 - 2.7 Type of test 12**
 - 2.8 Manufacturer and commercial name of the test used (optional for NAAT test) .. 12**
 - 2.9 Result of the test..... 12**
- Annex A Elements that might be relevant in the realm of vaccination and testing data set, but are not included in the DCC 14**
 - A.1 Administrative gender..... 14**
 - A.2 Type of Identifier 14**
 - A.3 Sample origin 15**
- Annex B Summary of vaccine coding instructions..... 17**

1 Introduction

Value Sets for the EU Digital COVID Certificate are defined for the datasets provided in the Annex 2 of the proposed “REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on a framework for the issuance, verification and acceptance of interoperable certificates on vaccination, testing and recovery to facilitate free movement during the COVID-19 pandemic (EU Digital COVID Certificate) COM/2021/130 final”¹

Certificate datasets

1. Data fields to be included in the **vaccination certificate**:

- (a) name: surname(s) and forename(s), in that order;
- (b) date of birth;
- (c) disease or agent targeted: COVID-19 (SARS-CoV-2 or one of its variants);
- (d) COVID-19 vaccine or prophylaxis;
- (e) COVID-19 vaccine product name;
- (f) COVID-19 vaccine marketing authorisation holder or manufacturer;
- (g) number in a series of doses as well as the overall number of doses in the series;
- (h) date of vaccination, indicating the date of the latest dose received;
- (i) Member State or third country in which the vaccine was administered;
- (j) certificate issuer;
- (k) unique certificate identifier.

2. Data fields to be included in the **test certificate**:

- (a) name: surname(s) and forename(s), in that order;
- (b) date of birth;
- (c) disease or agent targeted: COVID-19 (SARS-CoV-2 or one of its variants);
- (d) the type of test;
- (e) test name (optional for NAAT test);
- (f) test manufacturer (optional for NAAT test);
- (g) date and time of the test sample collection;
- (h) result of the test;
- (i) testing centre or facility (optional for rapid antigen test);
- (j) Member State or third country in which the test was carried out;
- (k) certificate issuer;
- (l) unique certificate identifier.

3. Data fields to be included in the **certificate of recovery**:

- (a) name: surname(s) and forename(s), in that order;
- (b) date of birth;
- (c) disease or agent from which the holder has recovered: COVID-19 (SARS-CoV-2 or one of its variants);
- (d) date of holder's first positive NAAT test result;
- (e) Member State or third country in which test was carried out;
- (f) certificate issuer;
- (g) certificate valid from;
- (h) certificate valid until (not more than 180 days after the date of first positive NAAT test result);
- (i) unique certificate identifier.

¹ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A52021PC0130>

In this document the data elements are defined in detail, which will be included in digital implementations in Europe. They serve to ensure interoperability on semantic level and will allow technical implementations for the DCC to address this issue uniformly.

Some elements are expected to be rapidly changing. To overcome this problem and allow for a timely update of implementations flexible lists are included in this section, which are defined here but the content will be presented at some other place (mainly list of RATs).

The elements are presented here in an overview. Elements can be used for the three different settings (Vaccination/Testing/Recovery) as stated in the regulation.

Not all elements of the regulation are listed here. Only elements with the necessity of semantic standardisation through coded value sets are listed.

If in national or other implementations other coded values are used (national code sets, other standards, etc.), the member state implementing a separate solutions must provide mapping to the value sets presented here to make them interoperable for the use of the realm of the EU regulation.

Translation of the coded elements into the national language are under the responsibility of the respective Member State.

For all data fields not mentioned in the following value set descriptions, encoding in UTF-8 is recommended (name, testing centre, certificate issuer). Data field containing calendar dates (date of birth, date of vaccination, date of first positive test result, certificate validity dates) are recommended to be encoded following the ISO 8601 (Complete date, without time for date of birth, date of vaccination, date of first positive test result, certificate validity dates; Complete date, with time for date fields for test sample collection and test result production in certificate 2).

The JSON schema specification for the EU Digital COVID Certificate is available at https://ec.europa.eu/health/sites/default/files/ehealth/docs/covid-certificate_json_specification_en.pdf

2 Value Sets for the EU Digital COVID Certificates

2.1 Disease or agent targeted / Disease or agent the citizen has recovered from

- Preferred Code System: SNOMED CT
- Name of the Value Set: Disease or agent
- Schema name: disease-agent-targeted.json
- Date: 19 Apr 2021
- URL:
- Version: 1.0
- To be used in certificate 1, 2 and 3

Code	Display	Code System name	Code System URL	Code System OID	Code System version
840539006	COVID-19	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	2021-01-31

To be extended as new concepts representing genetic variants of the SARS-CoV-2 are released and if the use case requires them to be used.

Countries using ICD coding in their systems should map the respective ICD-codes to this single SNOMED CT code. ICD-10 codes used might be such as U07.1, U07.2 or U11.9.

2.2 Vaccine/prophylaxis

- Preferred Code System: SNOMED CT or ATC Classification
- Name of the Value Set: Vaccine
- Schema name: vaccine-prophylaxis.json
- Date: 19 Apr 2021
- URL:
- Version: 1.0
- To be used in certificate 1

Code	Display	Code System name	Code System URL	Code System OID	Code System version
1119305005	SARS-CoV-2 antigen vaccine	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	2021-01-31
1119349007	SARS-CoV-2 mRNA vaccine	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	2021-01-31
J07BX03	covid-19 vaccines	Anatomical Therapeutic Chemical Classification System	http://www.whooc.no/atc	2.16.840.1.113883.6.73	2021-01

The code from the ATC can be used for vaccines that are neither an antigen nor an mRNA vaccine or in cases where this information is not known.

2.3 Vaccine medicinal product

(More info on COVID-19 vaccines [here](#))

- Preferred Code System: Union Register of medicinal products or [Vaccine medicinal products not centrally authorized in the EU](#)
- Name of the Value Set: Medicinal product
- Schema name: vaccine-medicinal-product.json
- Date: 13 Oct 2021
- URL:
- Version: 1.4
- To be used in certificate 1

Code	Display	Code System name	Code System URL	Code System OID	Code System version
EU/1/20/1528	Comirnaty	Union Register of medicinal products	https://ec.europa.eu/health/documents/community-register/html/	-	

Code	Display	Code System name	Code System URL	Code System OID	Code System version
EU/1/20/1507	Spikevax (previously COVID-19 Vaccine Moderna)	Union Register of medicinal products	https://ec.europa.eu/health/documents/community-register/html/	-	
EU/1/21/1529	Vaxzevria	Union Register of medicinal products	https://ec.europa.eu/health/documents/community-register/html/	-	
EU/1/20/1525	COVID-19 Vaccine Janssen	Union Register of medicinal products	https://ec.europa.eu/health/documents/community-register/html/	-	
<i>CVnCoV</i>	CVnCoV	Vaccine medicinal products not centrally authorized in the EU in rolling review by EMA		-	1.0
<i>NVX-CoV2373</i>	NVX- CoV2373	Vaccine medicinal products not centrally authorized in the EU in rolling review by EMA		-	1.0
<i>Sputnik-V</i>	Sputnik V	Vaccine medicinal products not centrally authorized in the EU in rolling review by EMA		-	1.0
<i>Convidecia</i>	Convidecia	Vaccine medicinal products not centrally authorized in the EU		-	1.0
<i>EpiVacCorona</i>	EpiVacCorona	Vaccine medicinal products not centrally authorized in the EU		-	1.0
<i>BBIBP-CorV</i>	BBIBP-CorV	Vaccine medicinal products not centrally authorized in the EU		-	1.0
<i>Inactivated-SARS-CoV-2-Vero-Cell</i>	Inactivated SARS-CoV-2 (Vero Cell)	Vaccine medicinal products not centrally authorized in the EU		-	1.0
<i>CoronaVac</i>	CoronaVac	Vaccine medicinal products not centrally authorized in the EU		-	1.0
<i>Covaxin</i>	Covaxin (also known as	Vaccine medicinal products not centrally authorized in the EU		-	1.0

Code	Display	Code System name	Code System URL	Code System OID	Code System version
	BBV152 A, B, C)				
<i>Covishield</i>	Covishield (ChAdOx1_nCoV-19)	Vaccine medicinal products not centrally authorized in the EU		-	1.2
<i>Covid-19-recombinant</i>	Covid-19 (recombinant)	Vaccine medicinal products not centrally authorized in the EU		-	1.3
<i>R-COVI</i>	R-COVI	Vaccine medicinal products not centrally authorized in the EU		-	1.3
<i>CoviVac</i>	CoviVac	Vaccine medicinal products not centrally authorized in the EU		-	1.4
<i>Sputnik-Light</i>	Sputnik Light	Vaccine medicinal products not centrally authorized in the EU		-	1.4
<i>Hayat-Vax</i>	Hayat-Vax	Vaccine medicinal products not centrally authorized in the EU		-	1.4

To be extended as vaccines are approved.

Vaccines should be coded using an existing code in the table, even if their names are different in different countries. The reason is that there is no global vaccine registry covering all vaccines in current use yet. Example:

- For the vaccine “COVID-19 Vaccine Moderna Intramuscular Injection”, which is the name of the Spikevax vaccine in Japan, use code EU/1/20/1507, as it is the name of this vaccine in the EU.

If this is not possible or advisable in some cases, a change management procedure should be invoked for adding a new code.

2.4 Vaccine marketing authorization holder or Vaccine manufacturer

- Preferred Code System: Organisation code from EMA (SPOR-system for ISO IDMP) or [Vaccine Manufacturers not in OMS](#)
- Name of the Value Set: Vaccine marketing authorization holder or manufacturer
- Schema name: vaccine-mah-manf.json
- Date: 13 Oct 2021
- URL:
- Version: 1.4
- To be used in certificate 1

Code	Display	Code System name	Code System URL	Code System OID	Code System version
ORG-100001699	AstraZeneca AB	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100030215	Biontech Manufacturing GmbH	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100001417	Janssen-Cilag International	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100031184	Moderna Biotech Spain S.L.	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100006270	Curevac AG	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100013793	CanSino Biologics	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100020693	China Sinopharm International Corp. - Beijing location	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100010771	Sinopharm Weiqida Europe Pharmaceutical s.r.o. - Prague location	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100024420	Sinopharm Zhijun (Shenzhen) Pharmaceutical Co. Ltd. - Shenzhen location	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
ORG-100032020	Novavax CZ AS	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
Gamaleya-Research-Institute	Gamaleya Research Institute	Vaccine Manufacturers not in OMS		-	1.0
Vector-Institute	Vector Institute	Vaccine Manufacturers not in OMS		-	1.0

Code	Display	Code System name	Code System URL	Code System OID	Code System version
Sinovac-Biotech	Sinovac Biotech	Vaccine Manufacturers not in OMS		-	1.0
Bharat-Biotech	Bharat Biotech	Vaccine Manufacturers not in OMS		-	1.0
ORG-100001981	Serum Institute Of India Private Limited	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
Fiocruz	Fiocruz	Vaccine Manufacturers not in OMS		-	1.3
ORG-100007893	R-Pharm CJSC	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	
Chumakov-Federal-Scientific-Center	Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products	Vaccine Manufacturers not in OMS		-	1.4
ORG-100023050	Gulf Pharmaceutical Industries	EMA SPOR-Organisations Management System	https://spor.ema.europa.eu/v1/organizations	2.16.840.1.113883.3.6905.4	

To be extended as vaccines are approved.

Different branches of the same Marketing Authorisation Holder or the same manufacturer should use an existing code in the table.

As a general rule, for the same vaccine product, use the code referring to its marketing authorisation holder in the EU, as there is no internationally agreed vaccine manufacturer or marketing authorisation holder registry yet. Examples:

- For the organisation “Pfizer AG”, which is an MAH for vaccine “Comirnaty” used in Switzerland, use code ORG-100030215 referring to BioNTech Manufacturing GmbH, as it is the MAH of Comirnaty in the EU.
- For the organisation “Zuellig Pharma”, which is an MAH for vaccine Covid-19 Vaccine Moderna (Spikevax) used in the Philippines, use code ORG-100031184 referring to Moderna Biotech Spain S.L., as it is the MAH of Spikevax in the EU.

If this is not possible or advisable in some cases, a change management procedure should be invoked for adding a new code.

2.5 Number in a series of vaccinations / doses

To be used in certificate 1.

Two fields:

1. Number of dose administered in a cycle
2. Number of expected doses for a complete cycle (specific for a person at the time of administration)

e.g. 1/1, 2/2 will be presented as completed; including the option 1/1 for vaccines including two doses, but for which protocols recommend one dose in citizens that were diagnosed with COVID-19 in the last 6 months. Cycles might change in recommended number. They should be reflected at the time of the latest vaccination. E.g. if a specific vaccine will require a third shot (booster) at the time of the latest administered shot the second field number should reflect this (for example 2/3, 3/3 etc.).

2.6 Member State or third country of vaccination/test

The term “Member State” should be understood in the sense of countries covered by the two regulations relevant for EU Digital COVID Certificates, as well as third countries with whom exchanges can be organized based on an adequacy decision.

- Preferred Code System: ISO 3166 Country Codes (2-letter codes)
- Name of the Value Set: Member State
- **Schema name: country-2-codes.json**
- Date: 19 Apr 2021
- URI:
- Version: 4.0.1
- To be used in certificate 1, 2 and 3

Value Set content: the complete list of 2-letter codes, available as a value set defined in FHIR (<http://hl7.org/fhir/ValueSet/iso3166-1-2>)

Defining URL:	http://hl7.org/fhir/ValueSet/iso3166-1-2
Version:	4.0.1
Name:	ISO3166-1-2
Title:	ISO 3166 Part 1: 2 Letter Codes
Definition:	This value set defines the ISO 3166 Part 1 2-letter codes
OID:	(for OID based terminology systems)
Source Resource	XML / JSON

Additional codes:

XK	Republic of Kosovo
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2.7 Type of test

- Preferred Code System: LOINC

- Name of the Value Set: Type of test
- Schema name: test-type.json
- Date: 19 Apr 2021
- URL:
- Version: 1.0
- To be used in certificate 2

Code	Display	Code System name	Code System URL	Code System OID	Code System version
LP6464-4	Nucleic acid amplification with probe detection	LOINC	http://loinc.org	2.16.840.1.113883.6.1	2.69
LP217198-3	Rapid immunoassay	LOINC	http://loinc.org	2.16.840.1.113883.6.1	2.69

The codes in this Value Set are selected to represent the NAAT and RAT test types as expressed in the regulation. The match between the current codes and the use case as described in the regulation is not perfect. The eHealth Network is working with the standards development organizations to provide more exact codes in the future.

2.8 Manufacturer and commercial name of the test used (optional for NAAT test)

- Preferred Code System: List from the HSC of Rapid Antigen Tests as maintained by the JRC (COVID-19 In Vitro Diagnostic Devices and Test Methods Database)
- Name of the Value Set: Test name and manufacturer
- Schema name: test-manf.json
- Date: 19 Apr 2021
- URL:
- Version: 1.0
- To be used in certificate 2

The content of the Value Set will include the selection of rapid antigen test as listed in the common and updated list of COVID-19 rapid antigen tests, established on the basis of Council Recommendation 2021/C 24/01 and agreed by the Health Security Committee. The list is maintained by the JRC in the COVID-19 In Vitro Diagnostic Devices and Test Methods Database at: <https://covid-19-diagnostics.jrc.ec.europa.eu/devices/hsc-common-recognition-rat>

For this code system, the following elements from the JSON file at shall be used: the code of the concept is provided in id_device, the display name uses manufacturer.name and commercial_name, the version of the code system uses extracted_on. The URI to be included is <https://covid-19-diagnostics.jrc.ec.europa.eu/devices>

2.9 Result of the test

- Preferred Code System: SNOMED CT
- Name of the Value Set: Result
- Schema name: test-result.json
- Date: 13 Apr 2021
- URL:

eHealth Network

- Version: 1.0
- To be used in certificate 2

Code	Display	Code System name	Code System URL	Code System OID	Code System version
260415000	Not detected	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	2021-01-31
260373001	Detected	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	2021-01-31

Additional values (like undetermined) might be added, if the use cases do require this in the future.

Annex A Elements that might be relevant in the realm of vaccination and testing data set, but are not included in the DCC


This section lists elements that have been mentioned in Data sets for vaccination certificates in the use case of continuity of care or in other testing scenarios.

A.1 Administrative gender

- Preferred Code System: HL7
- Name of the Value Set:
- Date:
- URL:
- Version:

Value Set content → the Value Set defined in FHIR

(<http://hl7.org/fhir/ValueSet/administrative-gender>).


Defining URL:	http://hl7.org/fhir/ValueSet/administrative-gender	
Version:	4.0.1	
Name:	AdministrativeGender	
Title:	AdministrativeGender	
Definition:	The gender of a person used for administrative purposes.	
Committee:	Patient Administration  Work Group	
OID:	2.16.840.1.113883.4.642.3.1 (for OID based terminology systems)	
Source Resource	XML / JSON	
Code	Display	Definition
male	Male	Male.
female	Female	Female.
other	Other	Other.
unknown	Unknown	Unknown.

A.2 Type of Identifier

- Preferred Code System: HL7
- Name of the Value Set:
- Date:
- URL: <https://www.hl7.org/fhir/valueset-identifier-type.html>
- Version: 4.0.1

Value Set content → the Value Set defined in FHIR (extended)

Defining URL:	https://www.hl7.org/fhir/valueset-identifier-type.html
Version:	4.0.1
Name:	Identifier Type Codes
Title:	IdentifierType

Definition:		A coded type for an identifier that can be used to determine which identifier to use for a specific purpose.		
Committee:		Vocabulary  Work Group		
OID:		2.16.840.1.113883.4.642.3.45		
Source Resource				
Code	Display	Definition	Code System URL	Note
PPN	Passport	Passport number	http://terminology.hl7.org/CodeSystem/v2-0203	
NNxxx	National Person Identifier	National Person Identifier where the xxx is the ISO table 3166 3-character (alphabetic) country code.	http://terminology.hl7.org/CodeSystem/v2-0203	example: NNCZE (National ID number for the Czech Republic)
CZ	Citizenship Card	A number assigned by a person's country of residence to identify a person's citizenship.	http://terminology.hl7.org/CodeSystem/v2-0203	
HC	Health Card Number	Health Card Number	http://terminology.hl7.org/CodeSystem/v2-0203	EHIC Card number
NI	National unique individual identifier	National unique individual identifier	http://terminology.hl7.org/CodeSystem/v2-0203	Could be used for National insurance number
MB	Member Number	An identifier for the insured of an insurance policy (this insured always has a subscriber), usually assigned by the insurance carrier.	http://terminology.hl7.org/CodeSystem/v2-0203	Another possibility
NH	National Health Plan Identifier	National Health Plan Identifier	http://terminology.hl7.org/CodeSystem/v2-0203	Another candidate. Class: Insurance Used for the UK NHS national identifier.

A.3 Sample origin

- Preferred Code System: SNOMED CT GPS
- Name of the Value Set:
- Date:
- URL:
- Version:

Code	Display	Code System name	Code System URL	Code System OID	Code System version
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258500001	Nasopharyngeal swab	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
461911000124106	Oropharyngeal swab	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
472881004	Pharyngeal swab	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
472901003	Swab from nasal sinus	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
119342007	Saliva specimen	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
119297000	Blood specimen	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
119361006	Plasma specimen	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
119364003	Serum specimen	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	
122592007	Acellular blood (serum or plasma) specimen	SNOMED CT	http://snomed.info/sct	2.16.840.1.113883.6.96	

Annex B Summary of vaccine coding instructions

The table below shows the coding combinations of the different vaccine medicinal products with their recommended ATC or SNOMED CT ‘Vaccine’ concept, along with their corresponding marketing authorization holder or manufacturer. The table is included to assist implementation efforts.

As presented in the Value Sets above, for some vaccine medicinal products and marketing authorization holders or manufacturers, the applicable code is based on their names, using a hyphen to avoid blank spaces. Also, note, the comment included earlier for the Vaccine marketing authorization holder or manufacturer Value Set about the use of the OMS identifier of EU marketing authorization holder, as there is no internationally agreed coding.

Vaccine name	Vaccine code	Vaccine Manufacturer or MAH code	Vaccine type	Note
Comirnaty	EU/1/20/1528	ORG-100030215	1119349007 or J07BX03	
Spikevax (previously COVID-19 Vaccine Moderna)	EU/1/20/1507	ORG-100031184	1119349007 or J07BX03	
Vaxzevria	EU/1/21/1529	ORG-100001699	J07BX03	Use also for AstraZeneca covid-19 vaccines, except R-COVI, Covishield and Covid-19 (recombinant) by Fiocruz.
COVID-19 Vaccine Janssen	EU/1/20/1525	ORG-100001417	J07BX03	
CVnCoV	CVnCoV	ORG-100006270	1119349007 or J07BX03	
NVX-CoV2373	NVX-CoV2373	ORG-100032020	J07BX03	

Vaccine name	Vaccine code	Vaccine Manufacturer or MAH code	Vaccine type	Note
Sputnik V	Sputnik-V	Gamaleya-Research-Institute	J07BX03	
Convidecia	Convidecia	ORG-100013793	J07BX03	
EpiVacCorona	EpiVacCorona	Vector-Institute	J07BX03	
BBIBP-CorV	BBIBP-CorV	ORG-100020693	J07BX03	
Inactivated SARS-CoV-2 (Vero Cell)	Inactivated-SARS-CoV-2-Vero-Cell	ORG-100010771	J07BX03	Do not use this code for new certificates as it was renamed to WIBP-CorV
CoronaVac	CoronaVac	Sinovac-Biotech	J07BX03	
Covaxin (also known as BBV152 A, B, C)	Covaxin	Bharat-Biotech	J07BX03	
Covishield (ChAdOx1_nCoV-19)	Covishield	ORG-100001981	J07BX03	
Covid-19 (recombinant)	Covid-19-recombinant	Fiocruz	J07BX03	
R-COVI	R-COVI	ORG-100007893	J07BX03	
CoviVac	CoviVac	Chumakov-Federal-Scientific-Center	J07BX03	
Sputnik Light	Sputnik-Light	Gamaleya-Research-Institute	J07BX03	
Hayat-Vax	Hayat-Vax	ORG-100023050	J07BX03	