

**Vaccine 2D barcode scanning functionality testing materials
for scanning vaccine units-of-use (UoU) and
Vaccine Information Statements (VISs)/Emergency Use Authorization (EUA) Fact Sheets
for Recipients and Caregivers**

For scanning vaccine units-of-use (UoU)

A vaccine unit-of-use (UoU) 2D barcode (2DBC) contains the vaccine’s Global Trade Item Number (GTIN), its National Drug Code (NDC) embedded within the GTIN, as well as expiration date, lot number, and GS1 application identifiers.

GTIN with embedded NDC

0 0 3 1 2 3 4 5 6 7 8 9 0 6

Position 1: GS1 Indicator Digit

Position 2 – Position 13: GS1 Company Prefix + Item Reference

Position 14: Check Digit

03 + FDA Labeler Code | NDC Product/Package

Scanned 2D Barcode Data example

- **01003492815890581713102810U4275AA** is the 2D barcode data string
- **GTIN = 00349281589058**
- **Expiration Date = 131028 (YYMMDD)**
- **Lot # = U4275AA**
- **01, 17 and 10 are GS1 Application Identifiers**

The table below contains the 2DBC from several real and sample/test vaccine unit-of-use. When possible, the 2DBC and a picture of the actual UoU were included. Please note that written dates in this document are in MM/DD/YYYY format, whereas 2D barcode encoded dates are in YYMMDD format.

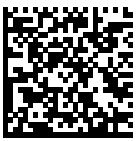

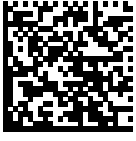

Vaccine UoU 2D Barcode	2D Barcode Data String	Vaccine UoU Information
 	<p>01003<u>4928154758</u>417<u>160719</u>10<u>UI279AA</u></p>	<p>Haemophilus b Conjugate Vaccine (Tetanus Toxoid Conjugate) <i>ActHIB</i>[®]</p> <p>NDC: 49281-547-58 Expiration Date: 160719 (07/19/2016) Lot Number: UI279AA</p>
 	<p>01003<u>0005197101</u>517<u>170831</u>10<u>M79319</u></p>	<p>Pneumococcal 13-valent Conjugate Vaccine (Diphtheria CRM₁₉₇ protein) <i>Prevnar 13</i>[®]</p> <p>NDC: 0005-1971-01 Expiration Date: 170831 (08/31/2017) Lot Number: M79319</p>
 	<p>01003<u>0006404701</u>117<u>171009</u>10<u>M012495</u></p>	<p>Rotavirus Vaccine, Live, Oral, Pentavalent <i>RotaTeq</i>[®]</p> <p>NDC: 0006-4047-01 Expiration Date: 171009 (10/09/2017) Lot Number: M012495</p>

Vaccine UoU 2D Barcode	2D Barcode Data String	Vaccine UoU Information
 	01003 <u>0006498101</u> 817 <u>180602</u> 10 <u>M003658</u>	Hepatitis B Vaccine [Recombinant] <i>Recombivax HB</i> [®] NDC: 0006-4981-01 Expiration Date: 180602 (06/02/2018) Lot Number: M003658
 	01103 <u>5816080905</u> 417 <u>130401</u> 10 <u>ABC12</u>	Tester UoU (ABC12) NDC: 58160-809-05 Expiration Date: 130401 (04/01/2013) Lot Number: ABC12
	01003 <u>8077727315</u> 017 <u>241231</u> 10 <u>SAMPLE</u>	Sample Vaccine UoU 2DBC NDC: 80777-273-15 Expiration Date: 241231 (12/31/2024) Lot Number: SAMPLE
	01003 <u>5926710002</u> 317 <u>691231</u> 10 <u>TEST123</u>	Generation Sample UoU 2DBC NDC: 59267-100-02 Expiration Date: 691231 (12/31/2069) Lot Number: TEST123

**For scanning Vaccine Information Statements (VISs)/
Emergency Use Authorization (EUA) Fact Sheet for Recipients and Caregivers**

Vaccine documentation 2D barcodes are available on [Vaccine Information Statements \(VISs\)](#) and [Emergency Use Authorization \(EUA\) Fact Sheets for Recipients and Caregivers](#), which contain information about the vaccination provided to the patient or their caregiver. The 2DBC on a VIS or a EUA Fact Sheet contains the Global Document Type Identifier (GDTI), specifying the vaccination product, and an edition date. These 2DBC can be scanned for entry into the patient’s health record to record that the information was provided to the patient.

The table below contains the VIS or EUA Recipient Fact Sheet 2DBC for routine and emergency use authorized vaccines.

Image	2D Barcode Data String	VIS Identification
	253088698300046211211217	Dengue Vaccine VIS GDTI: 0886983000462 Edition Date: 221217 (12/17/2021)
	253088698300018911220602	Rabies Vaccine VIS GDTI: 0886983000189 Edition Date: 220602 (06/02/2022)
	253088698300033211210501	Pfizer EUA COVID-19 Vaccine for 12 years of age and older Fact Sheet for Recipients and Caregivers GDTI: 0886983000332 Edition Date: 210501 (05/01/2021)
	253088698300034911210601	Moderna EUA COVID-19 Vaccine for 18 years of age and older Fact Sheet for Recipients and Caregivers GDTI: 0886983000349 Edition Date: 210601 (06/01/2021)