

**Description**

A sending application creates a vaccination record to be transmitted to the IIS for a healthy adult who received the 1st dose of the Moderna COVID-19 vaccine on 12/28/20 and the 2nd dose of the Moderna COVID-19 vaccine on 1/25/21.

**Test Objectives**

This test case assesses the ability of a sending application to

- Create vaccine administration messages based on the Z22 profile as defined in the HL7 2.5.1 Immunization Implementation Guide Release 1.5 and associated Addendum HL7 v2.5.1 Z22
- 1st message for an adult patient who received the 1st dose of a multi-dose COVID-19 vaccine
- 2nd message for an adult patient who received the 2nd dose of a multi-dose COVID-19 vaccine
- 2nd message to include historical information about the 1st dose of the COVID-19 vaccine received
- Create administration messages containing a new administration using an NDC, a CVX code, or both for the COVID-19 vaccine.