

MSH[1]

| Location   | Data Element                       | Data                        | Categorization               |
|------------|------------------------------------|-----------------------------|------------------------------|
| MSH-1      | Field Separator                    |                             | Value-Profile Fixed          |
| MSH-2      | Encoding Characters                | ^~\&                        | Value-Profile Fixed          |
| MSH-3      | Sending Application                |                             |                              |
| MSH-3.1    | Namespace ID                       | NISTEHRAPP                  | Presence-Configuration       |
| MSH-3.2    | Universal ID                       |                             | Indifferent                  |
| MSH-3.3    | Universal ID Type                  |                             | Indifferent                  |
| MSH-4      | Sending Facility                   |                             |                              |
| MSH-4.1    | Namespace ID                       | NISTEHRFAC                  | Presence-Configuration       |
| MSH-4.2    | Universal ID                       |                             | Indifferent                  |
| MSH-4.3    | Universal ID Type                  |                             | Indifferent                  |
| MSH-5      | Receiving Application              |                             |                              |
| MSH-5.1    | Namespace ID                       | NISTIISAPP                  | Indifferent                  |
| MSH-5.2    | Universal ID                       |                             | Indifferent                  |
| MSH-5.3    | Universal ID Type                  |                             | Indifferent                  |
| MSH-6      | Receiving Facility                 |                             |                              |
| MSH-6.1    | Namespace ID                       | NISTIISFAC                  | Presence-Configuration       |
| MSH-6.2    | Universal ID                       |                             | Indifferent                  |
| MSH-6.3    | Universal ID Type                  |                             | Indifferent                  |
| MSH-7      | Date/Time Of Message               |                             |                              |
| MSH-7.1    | Time                               | 20150625115038.030-0500     | Presence-System Generated    |
| MSH-9      | Message Type                       |                             |                              |
| MSH-9.1    | Message Code                       | VXU                         | Value-Profile Fixed          |
| MSH-9.2    | Trigger Event                      | V04                         | Value-Profile Fixed          |
| MSH-9.3    | Message Structure                  | VXU_V04                     | Value-Profile Fixed          |
| MSH-10     | Message Control ID                 | NIST-IZ-AD-9.1_Send_V04_Z22 | Presence-System Generated    |
| MSH-11     | Processing ID                      |                             |                              |
| MSH-11.1   | Processing ID                      | P                           | Presence-Content Indifferent |
| MSH-12     | Version ID                         |                             |                              |
| MSH-12.1   | Version ID                         | 2.5.1                       | Value-Profile Fixed          |
| MSH-15     | Accept Acknowledgment Type         | ER                          | Value-Profile Fixed          |
| MSH-16     | Application Acknowledgment Type    | AL                          | Value-Profile Fixed          |
| MSH-21     | Message Profile Identifier         |                             |                              |
| MSH-21.1   | Entity Identifier                  | Z22                         | Value-Profile Fixed          |
| MSH-21.2   | Namespace ID                       | CDCPHINVS                   | Value-Profile Fixed          |
| MSH-21.3   | Universal ID                       |                             | Indifferent                  |
| MSH-21.4   | Universal ID Type                  |                             | Indifferent                  |
| MSH-22     | Sending Responsible Organization   |                             |                              |
| MSH-22.1   | Organization Name                  | NISTEHRFAC                  | Indifferent                  |
| MSH-22.6   | Assigning Authority                |                             |                              |
| MSH-22.6.1 | Namespace ID                       |                             | Indifferent                  |
| MSH-22.6.2 | Universal ID                       |                             | Indifferent                  |
| MSH-22.6.3 | Universal ID Type                  |                             | Indifferent                  |
| MSH-22.7   | Identifier Type Code               |                             | Indifferent                  |
| MSH-22.10  | Organization Identifier            |                             | Indifferent                  |
| MSH-23     | Receiving Responsible Organization |                             |                              |
| MSH-23.1   | Organization Name                  | NISTIISFAC                  | Indifferent                  |
| MSH-23.6   | Assigning Authority                |                             |                              |
| MSH-23.6.1 | Namespace ID                       |                             | Indifferent                  |
| MSH-23.6.2 | Universal ID                       |                             | Indifferent                  |
| MSH-23.6.3 | Universal ID Type                  |                             | Indifferent                  |

|           |                         |  |             |
|-----------|-------------------------|--|-------------|
| MSH-23.7  | Identifier Type Code    |  | Indifferent |
| MSH-23.10 | Organization Identifier |  | Indifferent |

**PID[1]**

| Location   | Data Element                                       | Data                   | Categorization               |
|------------|--|------------------------|------------------------------|
| PID-1      | Set ID - PID                                       | 1                      | Value-Profile Fixed          |
| PID-3      | Patient Identifier List                            |                        |                              |
| PID-3.1    | ID Number  | 22533                  | Presence-Content Indifferent |
| PID-3.4    | Assigning Authority                                |                        |                              |
| PID-3.4.1  | Namespace ID                                       | NIST-MPI-1             | Presence-Content Indifferent |
| PID-3.4.2  | Universal ID                                       |                        | Indifferent                  |
| PID-3.4.3  | Universal ID Type                                  |                        | Indifferent                  |
| PID-3.5    | Identifier Type Code                               | MR                     | Value-Test Case Fixed        |
| PID-5      | Patient Name                                       |                        |                              |
| PID-5.1    | Family Name  |                        |                              |
| PID-5.1.1  | Surname  | Wells                  | Presence-Content Indifferent |
| PID-5.2    | Given Name   | Lacy                   | Presence-Content Indifferent |
| PID-5.3    | Second and Further Given Names or Initials Thereof |                        | Indifferent                  |
| PID-5.7    | Name Type Code                                     | L                      | Value-Test Case Fixed        |
| PID-6      | Mother's Maiden Name                               |                        |                              |
| PID-6.1    | Family Name  |                        |                              |
| PID-6.1.1  | Surname  |                        | Indifferent                  |
| PID-6.7    | Name Type Code                                     |                        | Indifferent                  |
| PID-7      | Date/Time of Birth                                 |                        |                              |
| PID-7.1    | Time   | 20110430               | Presence-Content Indifferent |
| PID-8      | Administrative Sex                                 | F                      | Value-Test Case Fixed        |
| PID-10     | Race   |                        |                              |
| PID-10.1   | Identifier   | 2106-3                 | Value-Test Case Fixed        |
| PID-10.2   | Text   | White                  | Presence-Test Case Proper    |
| PID-10.3   | Name of Coding System                              | CDCREC                 | Value-Profile Fixed          |
| PID-11     | Patient Address                                    |                        |                              |
| PID-11.1   | Street Address                                     |                        |                              |
| PID-11.1.1 | Street or Mailing Address                          | 12 North Oak St        | Presence-Content Indifferent |
| PID-11.2   | Other Designation                                  |                        | Indifferent                  |
| PID-11.3   | City   | Bozeman                | Presence-Content Indifferent |
| PID-11.4   | State or Province                                  | MT                     | Presence-Content Indifferent |
| PID-11.5   | Zip or Postal Code                                 | 59715                  | Presence-Content Indifferent |
| PID-11.6   | Country  | USA                    | Presence-Content Indifferent |
| PID-11.7   | Address Type                                       | P                      | Value-Test Case Fixed List   |
| PID-13     | Phone Number - Home                                |                        |                              |
| PID-13.2   | Telecommunication Use Code                         | PRN                    | Value-Test Case Fixed        |
| PID-13.3   | Telecommunication Equipment Type                   | PH                     | Value-Test Case Fixed        |
| PID-13.4   | Email Address                                      |                        | NonPresence                  |
| PID-13.6   | Area/City Code                                     | 406                    | Presence-Content Indifferent |
| PID-13.7   | Local Number                                       | 5552914                | Presence-Content Indifferent |
| PID-22     | Ethnic Group                                       |                        |                              |
| PID-22.1   | Identifier   | 2186-5                 | Value-Test Case Fixed        |
| PID-22.2   | Text   | Not Hispanic or Latino | Presence-Test Case Proper    |
| PID-22.3   | Name of Coding System                              | CDCREC                 | Value-Profile Fixed          |
| PID-24     | Multiple Birth Indicator                           | N                      | Indifferent                  |
| PID-25     | Birth Order  | 1                      | Indifferent                  |

|          |                             |   |             |
|----------|-----------------------------|---|-------------|
| PID-29   | Patient Death Date and Time |   |             |
| PID-29.1 | Time                        |   | NonPresence |
| PID-30   | Patient Death Indicator     | N | Indifferent |

**PD1[1]**

| Location | Data Element                                | Data                          | Categorization               |
|----------|---|-------------------------------|------------------------------|
| PD1-11   | Publicity Code                              |                               |                              |
| PD1-11.1 | Identifier                                  | 08                            | Value-Test Case Fixed        |
| PD1-11.2 | Text  | Reminder/recall - to provider | Presence-Test Case Proper    |
| PD1-11.3 | Name of Coding System                       | HL70215                       | Value-Profile Fixed          |
| PD1-12   | Protection Indicator                        | N                             | Indifferent                  |
| PD1-13   | Protection Indicator Effective Date         | 20150625                      | Indifferent                  |
| PD1-16   | Immunization Registry Status                | A                             | Value-Test Case Fixed        |
| PD1-17   | Immunization Registry Status Effective Date | 20110430                      | Presence-Content Indifferent |
| PD1-18   | Publicity Code Effective Date               | 20150625                      | Presence-Content Indifferent |

**NK1[1]**

| Location  | Data Element                                       | Data            | Categorization               |
|-----------|--|-----------------|------------------------------|
| NK1-1     | Set ID - NK1                                       | 1               | Value-Profile Fixed          |
| NK1-2     | Name   |                 |                              |
| NK1-2.1   | Family Name  |                 |                              |
| NK1-2.1.1 | Surname  | Trudeau         | Presence-Content Indifferent |
| NK1-2.2   | Given Name   | Janelle         | Presence-Content Indifferent |
| NK1-2.3   | Second and Further Given Names or Initials Thereof |                 | Indifferent                  |
| NK1-2.7   | Name Type Code                                     | L               | Value-Test Case Fixed        |
| NK1-3     | Relationship                                       |                 |                              |
| NK1-3.1   | Identifier   | GRD             | Value-Test Case Fixed        |
| NK1-3.2   | Text   | Guardian        | Presence-Test Case Proper    |
| NK1-3.3   | Name of Coding System                              | HL70063         | Value-Profile Fixed          |
| NK1-4     | Address  |                 |                              |
| NK1-4.1   | Street Address                                     |                 |                              |
| NK1-4.1.1 | Street or Mailing Address                          | 12 North Oak St | Presence-Content Indifferent |
| NK1-4.2   | Other Designation                                  |                 | Indifferent                  |
| NK1-4.3   | City   | Bozeman         | Presence-Content Indifferent |
| NK1-4.4   | State or Province                                  | MT              | Presence-Content Indifferent |
| NK1-4.5   | Zip or Postal Code                                 | 59715           | Presence-Content Indifferent |
| NK1-4.6   | Country  | USA             | Presence-Content Indifferent |
| NK1-4.7   | Address Type                                       | P               | Value-Test Case Fixed List   |
| NK1-5     | Phone Number                                       |                 |                              |
| NK1-5.2   | Telecommunication Use Code                         | PRN             | Value-Test Case Fixed        |
| NK1-5.3   | Telecommunication Equipment Type                   | PH              | Value-Test Case Fixed        |
| NK1-5.4   | Email Address                                      |                 | Indifferent                  |
| NK1-5.6   | Area/City Code                                     | 406             | Presence-Content Indifferent |
| NK1-5.7   | Local Number                                       | 5552914         | Presence-Content Indifferent |

**ORDER[1].ORC[1]**

| Location | Data Element  | Data | Categorization      |
|----------|---------------|------|---------------------|
| ORC-1    | Order Control | RE   | Value-Profile Fixed |

|            |  |                 |                              |
|------------|--|-----------------|------------------------------|
| ORC-2      | Placer Order Number                                |                 |                              |
| ORC-2.1    | Entity Identifier                                  | 657             | Indifferent                  |
| ORC-2.2    | Namespace ID                                       | NIST-AA-IZ-2    | Indifferent                  |
| ORC-2.3    | Universal ID                                       |                 | Indifferent                  |
| ORC-2.4    | Universal ID Type                                  |                 | Indifferent                  |
| ORC-3      | Filler Order Number                                |                 |                              |
| ORC-3.1    | Entity Identifier                                  | 68544           | Presence-Content Indifferent |
| ORC-3.2    | Namespace ID                                       | NIST-AA-IZ-2    | Presence-Content Indifferent |
| ORC-3.3    | Universal ID                                       |                 | Indifferent                  |
| ORC-3.4    | Universal ID Type                                  |                 | Indifferent                  |
| ORC-10     | Entered By   |                 |                              |
| ORC-10.1   | ID Number  | 7824            | Presence-Content Indifferent |
| ORC-10.2   | Family Name  |                 |                              |
| ORC-10.2.1 | Surname  | Jackson         | Presence-Content Indifferent |
| ORC-10.3   | Given Name   | Lily            | Presence-Content Indifferent |
| ORC-10.4   | Second and Further Given Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                |                 |                              |
| ORC-10.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| ORC-10.9.2 | Universal ID                                       |                 | Indifferent                  |
| ORC-10.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| ORC-10.10  | Name Type Code                                     | L               | Indifferent                  |
| ORC-10.13  | Identifier Type Code                               | PRN             | Value-Test Case Fixed List   |
| ORC-12     | Ordering Provider                                  |                 |                              |
| ORC-12.1   | ID Number  | 654             | Presence-Content Indifferent |
| ORC-12.2   | Family Name  |                 |                              |
| ORC-12.2.1 | Surname  | Thomas          | Presence-Content Indifferent |
| ORC-12.3   | Given Name   | Wilma           | Presence-Content Indifferent |
| ORC-12.4   | Second and Further Given Names or Initials Thereof | Elizabeth       | Indifferent                  |
| ORC-12.9   | Assigning Authority                                |                 |                              |
| ORC-12.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| ORC-12.9.2 | Universal ID                                       |                 | Indifferent                  |
| ORC-12.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| ORC-12.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| ORC-12.13  | Identifier Type Code                               | MD              | Value-Test Case Fixed List   |
| ORC-17     | Entering Organization                              |                 |                              |
| ORC-17.1   | Identifier   | NISTEHRFAC      | Indifferent                  |
| ORC-17.2   | Text   | NISTEHRFacility | Indifferent                  |
| ORC-17.3   | Name of Coding System                              | HL70362         | Indifferent                  |

**ORDER[1].RXA[1]**

| Location | Data Element                      | Data          | Categorization               |
|----------|-----------------------------------|---------------|------------------------------|
| RXA-1    | Give Sub-ID Counter               | 0             | Value-Profile Fixed          |
| RXA-2    | Administration Sub-ID Counter     | 1             | Value-Profile Fixed          |
| RXA-3    | Date/Time Start of Administration |               |                              |
| RXA-3.1  | Time                              | 20150625      | Presence-Content Indifferent |
| RXA-5    | Administered Code                 |               |                              |
| RXA-5.1  | Identifier                        | 00006-4171-01 | Value-Test Case Fixed List   |
| RXA-5.2  | Text                              | ProQuad       | Presence-Test Case Proper    |
| RXA-5.3  | Name of Coding System             | NDC           | Value-Profile Fixed          |
| RXA-6    | Administered Amount               | 0.5           | Presence-Test Case Proper    |
| RXA-7    | Administered Units                |               |                              |
| RXA-7.1  | Identifier                        | mL            | Value-Test Case Fixed        |
| RXA-7.2  | Text                              | mL            | Presence-Test Case Proper    |

|            |  |                     |                              |
|------------|--|---------------------|------------------------------|
| RXA-7.3    | Name of Coding System                              | UCUM                | Value-Profile Fixed          |
| RXA-9      | Administration Notes                               |                     |                              |
| RXA-9.1    | Identifier   | 00                  | Value-Test Case Fixed        |
| RXA-9.2    | Text   | New Record          | Presence-Test Case Proper    |
| RXA-9.3    | Name of Coding System                              | NIP001              | Value-Profile Fixed          |
| RXA-10     | Administering Provider                             |                     |                              |
| RXA-10.1   | ID Number  | 7824                | Presence-Content Indifferent |
| RXA-10.2   | Family Name  |                     |                              |
| RXA-10.2.1 | Surname  | Jackson             | Presence-Content Indifferent |
| RXA-10.3   | Given Name   | Lily                | Presence-Content Indifferent |
| RXA-10.4   | Second and Further Given Names or Initials Thereof | Suzanne             | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                |                     |                              |
| RXA-10.9.1 | Namespace ID                                       | NIST-PI-1           | Presence-Content Indifferent |
| RXA-10.9.2 | Universal ID                                       |                     | Indifferent                  |
| RXA-10.9.3 | Universal ID Type                                  |                     | Indifferent                  |
| RXA-10.10  | Name Type Code                                     | L                   | Indifferent                  |
| RXA-10.13  | Identifier Type Code                               | PRN                 | Value-Test Case Fixed List   |
| RXA-11     | Administered-at Location                           |                     |                              |
| RXA-11.4   | Facility   |                     |                              |
| RXA-11.4.1 | Namespace ID                                       | NIST-Clinic-1       | Presence-Content Indifferent |
| RXA-11.4.2 | Universal ID                                       |                     | Indifferent                  |
| RXA-11.4.3 | Universal ID Type                                  |                     | Indifferent                  |
| RXA-15     | Substance Lot Number                               | 407453              | Presence-Content Indifferent |
| RXA-16     | Substance Expiration Date                          |                     |                              |
| RXA-16.1   | Time   | 20151015            | Presence-Content Indifferent |
| RXA-17     | Substance Manufacturer Name                        |                     |                              |
| RXA-17.1   | Identifier   | MSD                 | Value-Test Case Fixed        |
| RXA-17.2   | Text   | Merck and Co., Inc. | Presence-Test Case Proper    |
| RXA-17.3   | Name of Coding System                              | MVX                 | Value-Profile Fixed          |
| RXA-18     | Substance/Treatment Refusal Reason                 |                     |                              |
| RXA-18.1   | Identifier   |                     | NonPresence                  |
| RXA-18.2   | Text   |                     | NonPresence                  |
| RXA-18.3   | Name of Coding System                              |                     | NonPresence                  |
| RXA-20     | Completion Status                                  | CP                  | Value-Test Case Fixed        |
| RXA-21     | Action Code - RXA                                  | A                   | Value-Test Case Fixed        |

#### ORDER[1].RXR[1]

| Location | Data Element          | Data          | Categorization            |
|----------|-----------------------|---------------|---------------------------|
| RXR-1    | Route                 |               |                           |
| RXR-1.1  | Identifier            | C38299        | Value-Test Case Fixed     |
| RXR-1.2  | Text                  | Subcutaneous  | Presence-Test Case Proper |
| RXR-1.3  | Name of Coding System | NCIT          | Value-Profile Fixed       |
| RXR-2    | Administration Site   |               |                           |
| RXR-2.1  | Identifier            | RD            | Value-Test Case Fixed     |
| RXR-2.2  | Text                  | Right Deltoid | Presence-Test Case Proper |
| RXR-2.3  | Name of Coding System | HL70163       | Value-Profile Fixed       |

#### ORDER[1].OBSERVATION[1].OBX[1]

| Location | Data Element           | Data | Categorization        |
|----------|------------------------|------|-----------------------|
| OBX-1    | Set ID - OBX           | 1    | Value-Profile Fixed   |
| OBX-2    | Value Type             | CE   | Value-Test Case Fixed |
| OBX-3    | Observation Identifier |      |                       |

|          |                              |                        |                              |
|----------|------------------------------|------------------------|------------------------------|
| OBX-3.1  | Identifier                   | 30963-3                | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Vaccine Funding Source | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                     | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 1                      | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |                        |                              |
| OBX-5.1  | Identifier                   | PHC70                  | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | Private                | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | CDCPHINVS              | Value-Profile Fixed          |
| OBX-6    | Units                        |                        |                              |
| OBX-6.1  | Identifier                   |                        | NonPresence                  |
| OBX-6.2  | Text                         |                        | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                        | NonPresence                  |
| OBX-11   | Observation Result Status    | F                      | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                        |                              |
| OBX-14.1 | Time                         | 20150625               | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                        |                              |
| OBX-17.1 | Identifier                   |                        | Indifferent                  |
| OBX-17.2 | Text                         |                        | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                        | Indifferent                  |

**ORDER[1].OBSERVATION[2].OBX[1]**

| Location | Data Element                 | Data                                | Categorization            |
|----------|------------------------------|-------------------------------------|---------------------------|
| OBX-1    | Set ID - OBX                 | 2                                   | Value-Profile Fixed       |
| OBX-2    | Value Type                   | CE                                  | Value-Test Case Fixed     |
| OBX-3    | Observation Identifier       |                                     |                           |
| OBX-3.1  | Identifier                   | 64994-7                             | Value-Test Case Fixed     |
| OBX-3.2  | Text                         | Vaccine Funding Program Eligibility | Presence-Test Case Proper |
| OBX-3.3  | Name of Coding System        | LN                                  | Value-Profile Fixed       |
| OBX-4    | Observation Sub-ID           | 2                                   | Presence-Test Case Proper |
| OBX-5    | Observation Value            |                                     |                           |
| OBX-5.1  | Identifier                   | V01                                 | Value-Test Case Fixed     |
| OBX-5.2  | Text                         | Not VFC Eligible                    | Presence-Test Case Proper |
| OBX-5.3  | Name of Coding System        | HL70064                             | Value-Profile Fixed       |
| OBX-6    | Units                        |                                     |                           |
| OBX-6.1  | Identifier                   |                                     | NonPresence               |
| OBX-6.2  | Text                         |                                     | NonPresence               |
| OBX-6.3  | Name of Coding System        |                                     | NonPresence               |
| OBX-11   | Observation Result Status    | F                                   | Value-Profile Fixed       |
| OBX-14   | Date/Time of the Observation |                                     |                           |
| OBX-14.1 | Time                         | 20150625                            | Indifferent               |
| OBX-17   | Observation Method           |                                     |                           |
| OBX-17.1 | Identifier                   | VXC40                               | Indifferent               |
| OBX-17.2 | Text                         | per immunization                    | Indifferent               |
| OBX-17.3 | Name of Coding System        | CDCPHINVS                           | Indifferent               |

**ORDER[1].OBSERVATION[3].OBX[1]**

| Location | Data Element           | Data          | Categorization            |
|----------|------------------------|---------------|---------------------------|
| OBX-1    | Set ID - OBX           | 3             | Value-Profile Fixed       |
| OBX-2    | Value Type             | CE            | Value-Test Case Fixed     |
| OBX-3    | Observation Identifier |               |                           |
| OBX-3.1  | Identifier             | 69764-9       | Value-Test Case Fixed     |
| OBX-3.2  | Text                   | Document Type | Presence-Test Case Proper |
| OBX-3.3  | Name of Coding System  | LN            | Value-Profile Fixed       |

|          |                              |   |                           |
|----------|------------------------------|---|---------------------------|
| OBX-4    | Observation Sub-ID           | 3   | Presence-Test Case Proper |
| OBX-5    | Observation Value            |   |                           |
| OBX-5.1  | Identifier                   | 25308869830001341125013                                   | Value-Test Case Fixed     |
| OBX-5.2  | Text                         | MMRV Vaccine (Measles, Mumps, Rubella, and Varicella) VIS | Presence-Test Case Proper |
| OBX-5.3  | Name of Coding System        | cdcgs1vis   | Value-Profile Fixed       |
| OBX-6    | Units                        |   |                           |
| OBX-6.1  | Identifier                   |   | NonPresence               |
| OBX-6.2  | Text                         |   | NonPresence               |
| OBX-6.3  | Name of Coding System        |   | NonPresence               |
| OBX-11   | Observation Result Status    | F   | Value-Profile Fixed       |
| OBX-14   | Date/Time of the Observation |   |                           |
| OBX-14.1 | Time                         | 20150625  | Indifferent               |
| OBX-17   | Observation Method           |   |                           |
| OBX-17.1 | Identifier                   |   | Indifferent               |
| OBX-17.2 | Text                         |   | Indifferent               |
| OBX-17.3 | Name of Coding System        |   | Indifferent               |

**ORDER[1].OBSERVATION[4].OBX[1]**

| Location | Data Element                 | Data               | Categorization               |
|----------|------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 4                  | Value-Profile Fixed          |
| OBX-2    | Value Type                   | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                    |                              |
| OBX-3.1  | Identifier                   | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Date Vis Presented | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                 | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 3                  | Presence-Test Case Proper    |
| OBX-5    | Observation Value            | 20150625           | Presence-Content Indifferent |
| OBX-6    | Units                        |                    |                              |
| OBX-6.1  | Identifier                   |                    | NonPresence                  |
| OBX-6.2  | Text                         |                    | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                    | NonPresence                  |
| OBX-11   | Observation Result Status    | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                    |                              |
| OBX-14.1 | Time                         | 20150625           | Indifferent                  |
| OBX-17   | Observation Method           |                    |                              |
| OBX-17.1 | Identifier                   |                    | Indifferent                  |
| OBX-17.2 | Text                         |                    | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                    | Indifferent                  |

**ORDER[2].ORC[1]**

| Location | Data Element        | Data         | Categorization               |
|----------|---------------------|--------------|------------------------------|
| ORC-1    | Order Control       | RE           | Value-Profile Fixed          |
| ORC-2    | Placer Order Number |              |                              |
| ORC-2.1  | Entity Identifier   | 7553         | Presence-Content Indifferent |
| ORC-2.2  | Namespace ID        | NIST-AA-IZ-2 | Presence-Content Indifferent |
| ORC-2.3  | Universal ID        |              | Indifferent                  |
| ORC-2.4  | Universal ID Type   |              | Indifferent                  |
| ORC-3    | Filler Order Number |              |                              |
| ORC-3.1  | Entity Identifier   | 8671         | Presence-Content Indifferent |
| ORC-3.2  | Namespace ID        | NIST-AA-IZ-2 | Presence-Content Indifferent |
| ORC-3.3  | Universal ID        |              | Indifferent                  |
| ORC-3.4  | Universal ID Type   |              | Indifferent                  |



|            |  |                 |                              |
|------------|--|-----------------|------------------------------|
| ORC-10     | Entered By   |                 |                              |
| ORC-10.1   | ID Number  | 7824            | Presence-Content Indifferent |
| ORC-10.2   | Family Name  |                 |                              |
| ORC-10.2.1 | Surname  | Jackson         | Presence-Content Indifferent |
| ORC-10.3   | Given Name   | Lily            | Presence-Content Indifferent |
| ORC-10.4   | Second and Further Given Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                |                 |                              |
| ORC-10.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| ORC-10.9.2 | Universal ID                                       |                 | Indifferent                  |
| ORC-10.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| ORC-10.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| ORC-10.13  | Identifier Type Code                               | PRN             | Value-Test Case Fixed List   |
| ORC-12     | Ordering Provider                                  |                 |                              |
| ORC-12.1   | ID Number  | 654             | Presence-Content Indifferent |
| ORC-12.2   | Family Name  |                 |                              |
| ORC-12.2.1 | Surname  | Thomas          | Presence-Content Indifferent |
| ORC-12.3   | Given Name   | Wilma           | Presence-Content Indifferent |
| ORC-12.4   | Second and Further Given Names or Initials Thereof | Elizabeth       | Presence-Content Indifferent |
| ORC-12.9   | Assigning Authority                                |                 |                              |
| ORC-12.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| ORC-12.9.2 | Universal ID                                       |                 | Indifferent                  |
| ORC-12.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| ORC-12.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| ORC-12.13  | Identifier Type Code                               | MD              | Value-Test Case Fixed List   |
| ORC-17     | Entering Organization                              |                 |                              |
| ORC-17.1   | Identifier   | NISTEHRFAC      | Presence-Content Indifferent |
| ORC-17.2   | Text   | NISTEHRFacility | Presence-Content Indifferent |
| ORC-17.3   | Name of Coding System                              | HL70362         | Value-Profile Fixed          |

**ORDER[2].RXA[1]**

| Location   | Data Element                      | Data          | Categorization               |
|------------|-----------------------------------|---------------|------------------------------|
| RXA-1      | Give Sub-ID Counter               | 0             | Value-Profile Fixed          |
| RXA-2      | Administration Sub-ID Counter     | 1             | Value-Profile Fixed          |
| RXA-3      | Date/Time Start of Administration |               |                              |
| RXA-3.1    | Time                              | 20150625      | Presence-Content Indifferent |
| RXA-5      | Administered Code                 |               |                              |
| RXA-5.1    | Identifier                        | 58160-0812-01 | Value-Test Case Fixed List   |
| RXA-5.2    | Text                              | KINRIX        | Presence-Test Case Proper    |
| RXA-5.3    | Name of Coding System             | NDC           | Value-Profile Fixed          |
| RXA-6      | Administered Amount               | 0.5           | Presence-Test Case Proper    |
| RXA-7      | Administered Units                |               |                              |
| RXA-7.1    | Identifier                        | mL            | Value-Test Case Fixed        |
| RXA-7.2    | Text                              | mL            | Presence-Test Case Proper    |
| RXA-7.3    | Name of Coding System             | UCUM          | Value-Profile Fixed          |
| RXA-9      | Administration Notes              |               |                              |
| RXA-9.1    | Identifier                        | 00            | Value-Test Case Fixed        |
| RXA-9.2    | Text                              | New Record    | Presence-Test Case Proper    |
| RXA-9.3    | Name of Coding System             | NIP001        | Value-Profile Fixed          |
| RXA-10     | Administering Provider            |               |                              |
| RXA-10.1   | ID Number                         | 7824          | Presence-Content Indifferent |
| RXA-10.2   | Family Name                       |               |                              |
| RXA-10.2.1 | Surname                           | Jackson       | Presence-Content Indifferent |



|            |  |                 |                              |
|------------|--|-----------------|------------------------------|
| RXA-10.3   | Given Name   | Lily            | Presence-Content Indifferent |
| RXA-10.4   | Second and Further Given Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                |                 |                              |
| RXA-10.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| RXA-10.9.2 | Universal ID                                       |                 | Indifferent                  |
| RXA-10.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| RXA-10.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| RXA-10.13  | Identifier Type Code                               | PRN             | Value-Test Case Fixed List   |
| RXA-11     | Administered-at Location                           |                 |                              |
| RXA-11.4   | Facility   |                 |                              |
| RXA-11.4.1 | Namespace ID                                       | NIST-Clinic-1   | Presence-Content Indifferent |
| RXA-11.4.2 | Universal ID                                       |                 | Indifferent                  |
| RXA-11.4.3 | Universal ID Type                                  |                 | Indifferent                  |
| RXA-15     | Substance Lot Number                               | 88402           | Presence-Content Indifferent |
| RXA-16     | Substance Expiration Date                          |                 |                              |
| RXA-16.1   | Time   | 20150730        | Presence-Content Indifferent |
| RXA-17     | Substance Manufacturer Name                        |                 |                              |
| RXA-17.1   | Identifier   | SKB             | Value-Test Case Fixed        |
| RXA-17.2   | Text   | GlaxoSmithKline | Presence-Test Case Proper    |
| RXA-17.3   | Name of Coding System                              | MX              | Value-Profile Fixed          |
| RXA-18     | Substance/Treatment Refusal Reason                 |                 |                              |
| RXA-18.1   | Identifier   |                 | NonPresence                  |
| RXA-18.2   | Text   |                 | NonPresence                  |
| RXA-18.3   | Name of Coding System                              |                 | NonPresence                  |
| RXA-20     | Completion Status                                  | CP              | Value-Test Case Fixed        |
| RXA-21     | Action Code - RXA                                  | A               | Value-Test Case Fixed        |

**ORDER[2].RXR[1]**

| Location | Data Element          | Data          | Categorization            |
|----------|-----------------------|---------------|---------------------------|
| RXR-1    | Route                 |               |                           |
| RXR-1.1  | Identifier            | C28161        | Value-Test Case Fixed     |
| RXR-1.2  | Text                  | Intramuscular | Presence-Test Case Proper |
| RXR-1.3  | Name of Coding System | NCIT          | Value-Profile Fixed       |
| RXR-2    | Administration Site   |               |                           |
| RXR-2.1  | Identifier            | LD            | Value-Test Case Fixed     |
| RXR-2.2  | Text                  | Left Deltoid  | Presence-Test Case Proper |
| RXR-2.3  | Name of Coding System | HL70163       | Value-Profile Fixed       |

**ORDER[2].OBSERVATION[1].OBX[1]**

| Location | Data Element           | Data                   | Categorization            |
|----------|------------------------|------------------------|---------------------------|
| OBX-1    | Set ID - OBX           | 1                      | Value-Profile Fixed       |
| OBX-2    | Value Type             | CE                     | Value-Test Case Fixed     |
| OBX-3    | Observation Identifier |                        |                           |
| OBX-3.1  | Identifier             | 30963-3                | Value-Test Case Fixed     |
| OBX-3.2  | Text                   | Vaccine Funding Source | Presence-Test Case Proper |
| OBX-3.3  | Name of Coding System  | LN                     | Value-Profile Fixed       |
| OBX-4    | Observation Sub-ID     | 1                      | Presence-Test Case Proper |
| OBX-5    | Observation Value      |                        |                           |
| OBX-5.1  | Identifier             | PHC70                  | Value-Test Case Fixed     |
| OBX-5.2  | Text                   | Private                | Presence-Test Case Proper |
| OBX-5.3  | Name of Coding System  | CDCPHINVS              | Value-Profile Fixed       |
| OBX-6    | Units                  |                        |                           |
| OBX-6.1  | Identifier             |                        | NonPresence               |

|          |                              |          |                              |
|----------|------------------------------|----------|------------------------------|
| OBX-6.2  | Text                         |          | NonPresence                  |
| OBX-6.3  | Name of Coding System        |          | NonPresence                  |
| OBX-11   | Observation Result Status    | F        | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |          |                              |
| OBX-14.1 | Time                         | 20150625 | Presence-Content Indifferent |
| OBX-17   | Observation Method           |          |                              |
| OBX-17.1 | Identifier                   |          | Indifferent                  |
| OBX-17.2 | Text                         |          | Indifferent                  |
| OBX-17.3 | Name of Coding System        |          | Indifferent                  |

**ORDER[2].OBSERVATION[2].OBX[1]**

| Location | Data Element                 | Data                                | Categorization               |
|----------|------------------------------|-------------------------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 2                                   | Value-Profile Fixed          |
| OBX-2    | Value Type                   | CE                                  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                                     |                              |
| OBX-3.1  | Identifier                   | 64994-7                             | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Vaccine Funding Program Eligibility | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                                  | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 2                                   | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |                                     |                              |
| OBX-5.1  | Identifier                   | V01                                 | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | Not VFC Eligible                    | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | HL70064                             | Value-Profile Fixed          |
| OBX-6    | Units                        |                                     |                              |
| OBX-6.1  | Identifier                   |                                     | NonPresence                  |
| OBX-6.2  | Text                         |                                     | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                                     | NonPresence                  |
| OBX-11   | Observation Result Status    | F                                   | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                                     |                              |
| OBX-14.1 | Time                         | 20150625                            | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                                     |                              |
| OBX-17.1 | Identifier                   | VXC40                               | Value-Test Case Fixed        |
| OBX-17.2 | Text                         | per immunization                    | Presence-Test Case Proper    |
| OBX-17.3 | Name of Coding System        | CDCPHINVS                           | Value-Profile Fixed          |

**ORDER[2].OBSERVATION[3].OBX[1]**

| Location | Data Element           | Data                    | Categorization            |
|----------|------------------------|-------------------------|---------------------------|
| OBX-1    | Set ID - OBX           | 3                       | Value-Profile Fixed       |
| OBX-2    | Value Type             | CE                      | Value-Test Case Fixed     |
| OBX-3    | Observation Identifier |                         |                           |
| OBX-3.1  | Identifier             | 69764-9                 | Value-Test Case Fixed     |
| OBX-3.2  | Text                   | Document Type           | Presence-Test Case Proper |
| OBX-3.3  | Name of Coding System  | LN                      | Value-Profile Fixed       |
| OBX-4    | Observation Sub-ID     | 3                       | Presence-Test Case Proper |
| OBX-5    | Observation Value      |                         |                           |
| OBX-5.1  | Identifier             | 25308869830001721125013 | Value-Test Case Fixed     |
| OBX-5.2  | Text                   | Polio Vaccine VIS       | Presence-Test Case Proper |
| OBX-5.3  | Name of Coding System  | cdcgslvis               | Value-Profile Fixed       |
| OBX-6    | Units                  |                         |                           |
| OBX-6.1  | Identifier             |                         | NonPresence               |
| OBX-6.2  | Text                   |                         | NonPresence               |
| OBX-6.3  | Name of Coding System  |                         | NonPresence               |

|          |                              |          |                              |
|----------|------------------------------|----------|------------------------------|
| OBX-11   | Observation Result Status    | F        | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |          |                              |
| OBX-14.1 | Time                         | 20150625 | Presence-Content Indifferent |
| OBX-17   | Observation Method           |          |                              |
| OBX-17.1 | Identifier                   |          | Indifferent                  |
| OBX-17.2 | Text                         |          | Indifferent                  |
| OBX-17.3 | Name of Coding System        |          | Indifferent                  |

**ORDER[2].OBSERVATION[4].OBX[1]**

| Location | Data Element                 | Data               | Categorization               |
|----------|------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 4                  | Value-Profile Fixed          |
| OBX-2    | Value Type                   | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                    |                              |
| OBX-3.1  | Identifier                   | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Date Vis Presented | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                 | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 3                  | Presence-Test Case Proper    |
| OBX-5    | Observation Value            | 20150625           | Presence-Content Indifferent |
| OBX-6    | Units                        |                    |                              |
| OBX-6.1  | Identifier                   |                    | NonPresence                  |
| OBX-6.2  | Text                         |                    | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                    | NonPresence                  |
| OBX-11   | Observation Result Status    | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                    |                              |
| OBX-14.1 | Time                         | 20150625           | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                    |                              |
| OBX-17.1 | Identifier                   |                    | Indifferent                  |
| OBX-17.2 | Text                         |                    | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                    | Indifferent                  |

**ORDER[2].OBSERVATION[5].OBX[1]**

| Location | Data Element                 | Data  | Categorization               |
|----------|------------------------------|---|------------------------------|
| OBX-1    | Set ID - OBX                 | 5   | Value-Profile Fixed          |
| OBX-2    | Value Type                   | CE  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |   |                              |
| OBX-3.1  | Identifier                   | 69764-9   | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Document Type                                     | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN  | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 4   | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |   |                              |
| OBX-5.1  | Identifier                   | 253088698300003511210806                          | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | DTaP (Diphtheria, Tetanus, Pertussis) Vaccine VIS | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | cdcgs1vis   | Value-Profile Fixed          |
| OBX-6    | Units                        |   |                              |
| OBX-6.1  | Identifier                   |   | NonPresence                  |
| OBX-6.2  | Text                         |   | NonPresence                  |
| OBX-6.3  | Name of Coding System        |   | NonPresence                  |
| OBX-11   | Observation Result Status    | F   | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |   |                              |
| OBX-14.1 | Time                         | 20150625  | Presence-Content Indifferent |
| OBX-17   | Observation Method           |   |                              |
| OBX-17.1 | Identifier                   |   | Indifferent                  |

|          |                       |  |             |
|----------|-----------------------|--|-------------|
| OBX-17.2 | Text                  |  | Indifferent |
| OBX-17.3 | Name of Coding System |  | Indifferent |

**ORDER[2].OBSERVATION[6].OBX[1]**

| Location | Data Element                 | Data               | Categorization               |
|----------|------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 6                  | Value-Profile Fixed          |
| OBX-2    | Value Type                   | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                    |                              |
| OBX-3.1  | Identifier                   | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Date Vis Presented | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                 | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 4                  | Presence-Test Case Proper    |
| OBX-5    | Observation Value            | 20150625           | Presence-Content Indifferent |
| OBX-6    | Units                        |                    |                              |
| OBX-6.1  | Identifier                   |                    | NonPresence                  |
| OBX-6.2  | Text                         |                    | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                    | NonPresence                  |
| OBX-11   | Observation Result Status    | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                    |                              |
| OBX-14.1 | Time                         | 20150625           | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                    |                              |
| OBX-17.1 | Identifier                   |                    | Indifferent                  |
| OBX-17.2 | Text                         |                    | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                    | Indifferent                  |

| Location | Data Element          | Data                        | Categorization               |
|----------|-----------------------|-----------------------------|------------------------------|
| MSH-1    | Field Separator       |                             | Value-Profile Fixed          |
| MSH-2    | Encoding Characters   | ^~\&                        | Value-Profile Fixed          |
| MSH-3    | Sending Application   |                             |                              |
| MSH-3.1  | Namespace ID          | NISTEHRAPP                  | Presence-Configuration       |
| MSH-3.2  | Universal ID          |                             | Indifferent                  |
| MSH-3.3  | Universal ID Type     |                             | Indifferent                  |
| MSH-4    | Sending Facility      |                             |                              |
| MSH-4.1  | Namespace ID          | NISTEHRFAC                  | Presence-Configuration       |
| MSH-4.2  | Universal ID          |                             | Indifferent                  |
| MSH-4.3  | Universal ID Type     |                             | Indifferent                  |
| MSH-5    | Receiving Application |                             |                              |
| MSH-5.1  | Namespace ID          | NISTIISAPP                  | Indifferent                  |
| MSH-5.2  | Universal ID          |                             | Indifferent                  |
| MSH-5.3  | Universal ID Type     |                             | Indifferent                  |
| MSH-6    | Receiving Facility    |                             |                              |
| MSH-6.1  | Namespace ID          | NISTIISFAC                  | Presence-Configuration       |
| MSH-6.2  | Universal ID          |                             | Indifferent                  |
| MSH-6.3  | Universal ID Type     |                             | Indifferent                  |
| MSH-7    | Date/Time Of Message  |                             |                              |
| MSH-7.1  | Time                  | 20150625115038.030-0500     | Presence-System Generated    |
| MSH-9    | Message Type          |                             |                              |
| MSH-9.1  | Message Code          | VXU                         | Value-Profile Fixed          |
| MSH-9.2  | Trigger Event         | V04                         | Value-Profile Fixed          |
| MSH-9.3  | Message Structure     | VXU_V04                     | Value-Profile Fixed          |
| MSH-10   | Message Control ID    | NIST-IZ-AD-9.1_Send_V04_Z22 | Presence-System Generated    |
| MSH-11   | Processing ID         |                             |                              |
| MSH-11.1 | Processing ID         | P                           | Presence-Content Indifferent |

|            |                                    |            |                     |
|------------|------------------------------------|------------|---------------------|
| MSH-12     | Version ID                         |            |                     |
| MSH-12.1   | Version ID                         | 2.5.1      | Value-Profile Fixed |
| MSH-15     | Accept Acknowledgment Type         | ER         | Value-Profile Fixed |
| MSH-16     | Application Acknowledgment Type    | AL         | Value-Profile Fixed |
| MSH-21     | Message Profile Identifier         |            |                     |
| MSH-21.1   | Entity Identifier                  | Z22        | Value-Profile Fixed |
| MSH-21.2   | Namespace ID                       | CDCPHINVS  | Value-Profile Fixed |
| MSH-21.3   | Universal ID                       |            | Indifferent         |
| MSH-21.4   | Universal ID Type                  |            | Indifferent         |
| MSH-22     | Sending Responsible Organization   |            |                     |
| MSH-22.1   | Organization Name                  | NISTEHRFAC | Indifferent         |
| MSH-22.6   | Assigning Authority                |            |                     |
| MSH-22.6.1 | Namespace ID                       |            | Indifferent         |
| MSH-22.6.2 | Universal ID                       |            | Indifferent         |
| MSH-22.6.3 | Universal ID Type                  |            | Indifferent         |
| MSH-22.7   | Identifier Type Code               |            | Indifferent         |
| MSH-22.10  | Organization Identifier            |            | Indifferent         |
| MSH-23     | Receiving Responsible Organization |            |                     |
| MSH-23.1   | Organization Name                  | NISTIISFAC | Indifferent         |
| MSH-23.6   | Assigning Authority                |            |                     |
| MSH-23.6.1 | Namespace ID                       |            | Indifferent         |
| MSH-23.6.2 | Universal ID                       |            | Indifferent         |
| MSH-23.6.3 | Universal ID Type                  |            | Indifferent         |
| MSH-23.7   | Identifier Type Code               |            | Indifferent         |
| MSH-23.10  | Organization Identifier            |            | Indifferent         |

| Location  | Data Element                                       | Data       | Categorization               |
|-----------|--|------------|------------------------------|
| PID-1     | Set ID - PID                                       | 1          | Value-Profile Fixed          |
| PID-3     | Patient Identifier List                            |            |                              |
| PID-3.1   | ID Number  | 22533      | Presence-Content Indifferent |
| PID-3.4   | Assigning Authority                                |            |                              |
| PID-3.4.1 | Namespace ID                                       | NIST-MPI-1 | Presence-Content Indifferent |
| PID-3.4.2 | Universal ID                                       |            | Indifferent                  |
| PID-3.4.3 | Universal ID Type                                  |            | Indifferent                  |
| PID-3.5   | Identifier Type Code                               | MR         | Value-Test Case Fixed        |
| PID-5     | Patient Name                                       |            |                              |
| PID-5.1   | Family Name  |            |                              |
| PID-5.1.1 | Surname  | Wells      | Presence-Content Indifferent |
| PID-5.2   | Given Name   | Lacy       | Presence-Content Indifferent |
| PID-5.3   | Second and Further Given Names or Initials Thereof |            | Indifferent                  |
| PID-5.7   | Name Type Code                                     | L          | Value-Test Case Fixed        |
| PID-6     | Mother's Maiden Name                               |            |                              |
| PID-6.1   | Family Name  |            |                              |
| PID-6.1.1 | Surname  |            | Indifferent                  |
| PID-6.7   | Name Type Code                                     |            | Indifferent                  |
| PID-7     | Date/Time of Birth                                 |            |                              |
| PID-7.1   | Time   | 20110430   | Presence-Content Indifferent |
| PID-8     | Administrative Sex                                 | F          | Value-Test Case Fixed        |
| PID-10    | Race   |            |                              |
| PID-10.1  | Identifier   | 2106-3     | Value-Test Case Fixed        |
| PID-10.2  | Text   | White      | Presence-Test Case Proper    |
| PID-10.3  | Name of Coding System                              | CDCREC     | Value-Profile Fixed          |

|            |                                  |                        |                              |
|------------|----------------------------------|------------------------|------------------------------|
| PID-11     | Patient Address                  |                        |                              |
| PID-11.1   | Street Address                   |                        |                              |
| PID-11.1.1 | Street or Mailing Address        | 12 North Oak St        | Presence-Content Indifferent |
| PID-11.2   | Other Designation                |                        | Indifferent                  |
| PID-11.3   | City                             | Bozeman                | Presence-Content Indifferent |
| PID-11.4   | State or Province                | MT                     | Presence-Content Indifferent |
| PID-11.5   | Zip or Postal Code               | 59715                  | Presence-Content Indifferent |
| PID-11.6   | Country                          | USA                    | Presence-Content Indifferent |
| PID-11.7   | Address Type                     | P                      | Value-Test Case Fixed List   |
| PID-13     | Phone Number - Home              |                        |                              |
| PID-13.2   | Telecommunication Use Code       | PRN                    | Value-Test Case Fixed        |
| PID-13.3   | Telecommunication Equipment Type | PH                     | Value-Test Case Fixed        |
| PID-13.4   | Email Address                    |                        | NonPresence                  |
| PID-13.6   | Area/City Code                   | 406                    | Presence-Content Indifferent |
| PID-13.7   | Local Number                     | 5552914                | Presence-Content Indifferent |
| PID-22     | Ethnic Group                     |                        |                              |
| PID-22.1   | Identifier                       | 2186-5                 | Value-Test Case Fixed        |
| PID-22.2   | Text                             | Not Hispanic or Latino | Presence-Test Case Proper    |
| PID-22.3   | Name of Coding System            | CDCREC                 | Value-Profile Fixed          |
| PID-24     | Multiple Birth Indicator         | N                      | Indifferent                  |
| PID-25     | Birth Order                      | 1                      | Indifferent                  |
| PID-29     | Patient Death Date and Time      |                        |                              |
| PID-29.1   | Time                             |                        | NonPresence                  |
| PID-30     | Patient Death Indicator          | N                      | Indifferent                  |

| Location | Data Element                                | Data                          | Categorization               |
|----------|---|-------------------------------|------------------------------|
| PD1-11   | Publicity Code                              |                               |                              |
| PD1-11.1 | Identifier                                  | 08                            | Value-Test Case Fixed        |
| PD1-11.2 | Text  | Reminder/recall - to provider | Presence-Test Case Proper    |
| PD1-11.3 | Name of Coding System                       | HL70215                       | Value-Profile Fixed          |
| PD1-12   | Protection Indicator                        | N                             | Indifferent                  |
| PD1-13   | Protection Indicator Effective Date         | 20150625                      | Indifferent                  |
| PD1-16   | Immunization Registry Status                | A                             | Value-Test Case Fixed        |
| PD1-17   | Immunization Registry Status Effective Date | 20110430                      | Presence-Content Indifferent |
| PD1-18   | Publicity Code Effective Date               | 20150625                      | Presence-Content Indifferent |

| Location  | Data Element                                       | Data            | Categorization               |
|-----------|--|-----------------|------------------------------|
| NK1-1     | Set ID - NK1                                       | 1               | Value-Profile Fixed          |
| NK1-2     | Name   |                 |                              |
| NK1-2.1   | Family Name  |                 |                              |
| NK1-2.1.1 | Surname  | Trudeau         | Presence-Content Indifferent |
| NK1-2.2   | Given Name   | Janelle         | Presence-Content Indifferent |
| NK1-2.3   | Second and Further Given Names or Initials Thereof |                 | Indifferent                  |
| NK1-2.7   | Name Type Code                                     | L               | Value-Test Case Fixed        |
| NK1-3     | Relationship                                       |                 |                              |
| NK1-3.1   | Identifier   | GRD             | Value-Test Case Fixed        |
| NK1-3.2   | Text   | Guardian        | Presence-Test Case Proper    |
| NK1-3.3   | Name of Coding System                              | HL70063         | Value-Profile Fixed          |
| NK1-4     | Address  |                 |                              |
| NK1-4.1   | Street Address                                     |                 |                              |
| NK1-4.1.1 | Street or Mailing Address                          | 12 North Oak St | Presence-Content Indifferent |

|         |                                  |         |                              |
|---------|----------------------------------|---------|------------------------------|
| NK1-4.2 | Other Designation                |         | Indifferent                  |
| NK1-4.3 | City                             | Bozeman | Presence-Content Indifferent |
| NK1-4.4 | State or Province                | MT      | Presence-Content Indifferent |
| NK1-4.5 | Zip or Postal Code               | 59715   | Presence-Content Indifferent |
| NK1-4.6 | Country                          | USA     | Presence-Content Indifferent |
| NK1-4.7 | Address Type                     | P       | Value-Test Case Fixed List   |
| NK1-5   | Phone Number                     |         |                              |
| NK1-5.2 | Telecommunication Use Code       | PRN     | Value-Test Case Fixed        |
| NK1-5.3 | Telecommunication Equipment Type | PH      | Value-Test Case Fixed        |
| NK1-5.4 | Email Address                    |         | Indifferent                  |
| NK1-5.6 | Area/City Code                   | 406     | Presence-Content Indifferent |
| NK1-5.7 | Local Number                     | 5552914 | Presence-Content Indifferent |

#### ORC - 1

| Location   | Data Element                                       | Data         | Categorization               |
|------------|--|--------------|------------------------------|
| ORC-1      | Order Control                                      | RE           | Value-Profile Fixed          |
| ORC-2      | Placer Order Number                                |              |                              |
| ORC-2.1    | Entity Identifier                                  | 657          | Indifferent                  |
| ORC-2.2    | Namespace ID                                       | NIST-AA-IZ-2 | Indifferent                  |
| ORC-2.3    | Universal ID                                       |              | Indifferent                  |
| ORC-2.4    | Universal ID Type                                  |              | Indifferent                  |
| ORC-3      | Filler Order Number                                |              |                              |
| ORC-3.1    | Entity Identifier                                  | 68544        | Presence-Content Indifferent |
| ORC-3.2    | Namespace ID                                       | NIST-AA-IZ-2 | Presence-Content Indifferent |
| ORC-3.3    | Universal ID                                       |              | Indifferent                  |
| ORC-3.4    | Universal ID Type                                  |              | Indifferent                  |
| ORC-10     | Entered By   |              |                              |
| ORC-10.1   | ID Number  | 7824         | Presence-Content Indifferent |
| ORC-10.2   | Family Name  |              |                              |
| ORC-10.2.1 | Surname  | Jackson      | Presence-Content Indifferent |
| ORC-10.3   | Given Name   | Lily         | Presence-Content Indifferent |
| ORC-10.4   | Second and Further Given Names or Initials Thereof | Suzanne      | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                |              |                              |
| ORC-10.9.1 | Namespace ID                                       | NIST-PI-1    | Presence-Content Indifferent |
| ORC-10.9.2 | Universal ID                                       |              | Indifferent                  |
| ORC-10.9.3 | Universal ID Type                                  |              | Indifferent                  |
| ORC-10.10  | Name Type Code                                     | L            | Indifferent                  |
| ORC-10.13  | Identifier Type Code                               | PRN          | Value-Test Case Fixed List   |
| ORC-12     | Ordering Provider                                  |              |                              |
| ORC-12.1   | ID Number  | 654          | Presence-Content Indifferent |
| ORC-12.2   | Family Name  |              |                              |
| ORC-12.2.1 | Surname  | Thomas       | Presence-Content Indifferent |
| ORC-12.3   | Given Name   | Wilma        | Presence-Content Indifferent |
| ORC-12.4   | Second and Further Given Names or Initials Thereof | Elizabeth    | Indifferent                  |
| ORC-12.9   | Assigning Authority                                |              |                              |
| ORC-12.9.1 | Namespace ID                                       | NIST-PI-1    | Presence-Content Indifferent |
| ORC-12.9.2 | Universal ID                                       |              | Indifferent                  |
| ORC-12.9.3 | Universal ID Type                                  |              | Indifferent                  |
| ORC-12.10  | Name Type Code                                     | L            | Value-Test Case Fixed        |
| ORC-12.13  | Identifier Type Code                               | MD           | Value-Test Case Fixed List   |
| ORC-17     | Entering Organization                              |              |                              |
| ORC-17.1   | Identifier   | NISTEHRFAC   | Indifferent                  |



|          |                       |                 |             |
|----------|-----------------------|-----------------|-------------|
| ORC-17.2 | Text                  | NISTEHRFacility | Indifferent |
| ORC-17.3 | Name of Coding System | HL70362         | Indifferent |

**ORC - 2**

| Location   | Data Element                                       | Data            | Categorization               |
|------------|--|-----------------|------------------------------|
| ORC-1      | Order Control                                      | RE              | Value-Profile Fixed          |
| ORC-2      | Placer Order Number                                |                 |                              |
| ORC-2.1    | Entity Identifier                                  | 7553            | Presence-Content Indifferent |
| ORC-2.2    | Namespace ID                                       | NIST-AA-IZ-2    | Presence-Content Indifferent |
| ORC-2.3    | Universal ID                                       |                 | Indifferent                  |
| ORC-2.4    | Universal ID Type                                  |                 | Indifferent                  |
| ORC-3      | Filler Order Number                                |                 |                              |
| ORC-3.1    | Entity Identifier                                  | 8671            | Presence-Content Indifferent |
| ORC-3.2    | Namespace ID                                       | NIST-AA-IZ-2    | Presence-Content Indifferent |
| ORC-3.3    | Universal ID                                       |                 | Indifferent                  |
| ORC-3.4    | Universal ID Type                                  |                 | Indifferent                  |
| ORC-10     | Entered By   |                 |                              |
| ORC-10.1   | ID Number  | 7824            | Presence-Content Indifferent |
| ORC-10.2   | Family Name  |                 |                              |
| ORC-10.2.1 | Surname  | Jackson         | Presence-Content Indifferent |
| ORC-10.3   | Given Name   | Lily            | Presence-Content Indifferent |
| ORC-10.4   | Second and Further Given Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                |                 |                              |
| ORC-10.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| ORC-10.9.2 | Universal ID                                       |                 | Indifferent                  |
| ORC-10.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| ORC-10.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| ORC-10.13  | Identifier Type Code                               | PRN             | Value-Test Case Fixed List   |
| ORC-12     | Ordering Provider                                  |                 |                              |
| ORC-12.1   | ID Number  | 654             | Presence-Content Indifferent |
| ORC-12.2   | Family Name  |                 |                              |
| ORC-12.2.1 | Surname  | Thomas          | Presence-Content Indifferent |
| ORC-12.3   | Given Name   | Wilma           | Presence-Content Indifferent |
| ORC-12.4   | Second and Further Given Names or Initials Thereof | Elizabeth       | Presence-Content Indifferent |
| ORC-12.9   | Assigning Authority                                |                 |                              |
| ORC-12.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| ORC-12.9.2 | Universal ID                                       |                 | Indifferent                  |
| ORC-12.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| ORC-12.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| ORC-12.13  | Identifier Type Code                               | MD              | Value-Test Case Fixed List   |
| ORC-17     | Entering Organization                              |                 |                              |
| ORC-17.1   | Identifier   | NISTEHRFAC      | Presence-Content Indifferent |
| ORC-17.2   | Text   | NISTEHRFacility | Presence-Content Indifferent |
| ORC-17.3   | Name of Coding System                              | HL70362         | Value-Profile Fixed          |

**RXA - 1**

| Location | Data Element                      | Data     | Categorization               |
|----------|-----------------------------------|----------|------------------------------|
| RXA-1    | Give Sub-ID Counter               | 0        | Value-Profile Fixed          |
| RXA-2    | Administration Sub-ID Counter     | 1        | Value-Profile Fixed          |
| RXA-3    | Date/Time Start of Administration |          |                              |
| RXA-3.1  | Time                              | 20150625 | Presence-Content Indifferent |

|            |  |                     |                              |
|------------|--|---------------------|------------------------------|
| RXA-5      | Administered Code                                  |                     |                              |
| RXA-5.1    | Identifier   | 00006-4171-01       | Value-Test Case Fixed List   |
| RXA-5.2    | Text   | ProQuad             | Presence-Test Case Proper    |
| RXA-5.3    | Name of Coding System                              | NDC                 | Value-Profile Fixed          |
| RXA-6      | Administered Amount                                | 0.5                 | Presence-Test Case Proper    |
| RXA-7      | Administered Units                                 |                     |                              |
| RXA-7.1    | Identifier   | mL                  | Value-Test Case Fixed        |
| RXA-7.2    | Text   | mL                  | Presence-Test Case Proper    |
| RXA-7.3    | Name of Coding System                              | UCUM                | Value-Profile Fixed          |
| RXA-9      | Administration Notes                               |                     |                              |
| RXA-9.1    | Identifier   | 00                  | Value-Test Case Fixed        |
| RXA-9.2    | Text   | New Record          | Presence-Test Case Proper    |
| RXA-9.3    | Name of Coding System                              | NIP001              | Value-Profile Fixed          |
| RXA-10     | Administering Provider                             |                     |                              |
| RXA-10.1   | ID Number  | 7824                | Presence-Content Indifferent |
| RXA-10.2   | Family Name  |                     |                              |
| RXA-10.2.1 | Surname  | Jackson             | Presence-Content Indifferent |
| RXA-10.3   | Given Name   | Lily                | Presence-Content Indifferent |
| RXA-10.4   | Second and Further Given Names or Initials Thereof | Suzanne             | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                |                     |                              |
| RXA-10.9.1 | Namespace ID                                       | NIST-PI-1           | Presence-Content Indifferent |
| RXA-10.9.2 | Universal ID                                       |                     | Indifferent                  |
| RXA-10.9.3 | Universal ID Type                                  |                     | Indifferent                  |
| RXA-10.10  | Name Type Code                                     | L                   | Indifferent                  |
| RXA-10.13  | Identifier Type Code                               | PRN                 | Value-Test Case Fixed List   |
| RXA-11     | Administered-at Location                           |                     |                              |
| RXA-11.4   | Facility   |                     |                              |
| RXA-11.4.1 | Namespace ID                                       | NIST-Clinic-1       | Presence-Content Indifferent |
| RXA-11.4.2 | Universal ID                                       |                     | Indifferent                  |
| RXA-11.4.3 | Universal ID Type                                  |                     | Indifferent                  |
| RXA-15     | Substance Lot Number                               | 407453              | Presence-Content Indifferent |
| RXA-16     | Substance Expiration Date                          |                     |                              |
| RXA-16.1   | Time   | 20151015            | Presence-Content Indifferent |
| RXA-17     | Substance Manufacturer Name                        |                     |                              |
| RXA-17.1   | Identifier   | MSD                 | Value-Test Case Fixed        |
| RXA-17.2   | Text   | Merck and Co., Inc. | Presence-Test Case Proper    |
| RXA-17.3   | Name of Coding System                              | MVX                 | Value-Profile Fixed          |
| RXA-18     | Substance/Treatment Refusal Reason                 |                     |                              |
| RXA-18.1   | Identifier   |                     | NonPresence                  |
| RXA-18.2   | Text   |                     | NonPresence                  |
| RXA-18.3   | Name of Coding System                              |                     | NonPresence                  |
| RXA-20     | Completion Status                                  | CP                  | Value-Test Case Fixed        |
| RXA-21     | Action Code - RXA                                  | A                   | Value-Test Case Fixed        |

#### RXA - 2

| Location | Data Element                      | Data     | Categorization               |
|----------|-----------------------------------|----------|------------------------------|
| RXA-1    | Give Sub-ID Counter               | 0        | Value-Profile Fixed          |
| RXA-2    | Administration Sub-ID Counter     | 1        | Value-Profile Fixed          |
| RXA-3    | Date/Time Start of Administration |          |                              |
| RXA-3.1  | Time                              | 20150625 | Presence-Content Indifferent |
| RXA-5    | Administered Code                 |          |                              |

|            |  |                 |                              |
|------------|--|-----------------|------------------------------|
| RXA-5.1    | Identifier   | 58160-0812-01   | Value-Test Case Fixed List   |
| RXA-5.2    | Text   | KINRIX          | Presence-Test Case Proper    |
| RXA-5.3    | Name of Coding System                              | NDC             | Value-Profile Fixed          |
| RXA-6      | Administered Amount                                | 0.5             | Presence-Test Case Proper    |
| RXA-7      | Administered Units                                 |                 |                              |
| RXA-7.1    | Identifier   | mL              | Value-Test Case Fixed        |
| RXA-7.2    | Text   | mL              | Presence-Test Case Proper    |
| RXA-7.3    | Name of Coding System                              | UCUM            | Value-Profile Fixed          |
| RXA-9      | Administration Notes                               |                 |                              |
| RXA-9.1    | Identifier   | 00              | Value-Test Case Fixed        |
| RXA-9.2    | Text   | New Record      | Presence-Test Case Proper    |
| RXA-9.3    | Name of Coding System                              | NIP001          | Value-Profile Fixed          |
| RXA-10     | Administering Provider                             |                 |                              |
| RXA-10.1   | ID Number  | 7824            | Presence-Content Indifferent |
| RXA-10.2   | Family Name  |                 |                              |
| RXA-10.2.1 | Surname  | Jackson         | Presence-Content Indifferent |
| RXA-10.3   | Given Name   | Lily            | Presence-Content Indifferent |
| RXA-10.4   | Second and Further Given Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                |                 |                              |
| RXA-10.9.1 | Namespace ID                                       | NIST-PI-1       | Presence-Content Indifferent |
| RXA-10.9.2 | Universal ID                                       |                 | Indifferent                  |
| RXA-10.9.3 | Universal ID Type                                  |                 | Indifferent                  |
| RXA-10.10  | Name Type Code                                     | L               | Value-Test Case Fixed        |
| RXA-10.13  | Identifier Type Code                               | PRN             | Value-Test Case Fixed List   |
| RXA-11     | Administered-at Location                           |                 |                              |
| RXA-11.4   | Facility   |                 |                              |
| RXA-11.4.1 | Namespace ID                                       | NIST-Clinic-1   | Presence-Content Indifferent |
| RXA-11.4.2 | Universal ID                                       |                 | Indifferent                  |
| RXA-11.4.3 | Universal ID Type                                  |                 | Indifferent                  |
| RXA-15     | Substance Lot Number                               | 88402           | Presence-Content Indifferent |
| RXA-16     | Substance Expiration Date                          |                 |                              |
| RXA-16.1   | Time   | 20150730        | Presence-Content Indifferent |
| RXA-17     | Substance Manufacturer Name                        |                 |                              |
| RXA-17.1   | Identifier   | SKB             | Value-Test Case Fixed        |
| RXA-17.2   | Text   | GlaxoSmithKline | Presence-Test Case Proper    |
| RXA-17.3   | Name of Coding System                              | MXV             | Value-Profile Fixed          |
| RXA-18     | Substance/Treatment Refusal Reason                 |                 |                              |
| RXA-18.1   | Identifier   |                 | NonPresence                  |
| RXA-18.2   | Text   |                 | NonPresence                  |
| RXA-18.3   | Name of Coding System                              |                 | NonPresence                  |
| RXA-20     | Completion Status                                  | CP              | Value-Test Case Fixed        |
| RXA-21     | Action Code - RXA                                  | A               | Value-Test Case Fixed        |

#### RXR - 1

| Location | Data Element          | Data          | Categorization            |
|----------|-----------------------|---------------|---------------------------|
| RXR-1    | Route                 |               |                           |
| RXR-1.1  | Identifier            | C38299        | Value-Test Case Fixed     |
| RXR-1.2  | Text                  | Subcutaneous  | Presence-Test Case Proper |
| RXR-1.3  | Name of Coding System | NCIT          | Value-Profile Fixed       |
| RXR-2    | Administration Site   |               |                           |
| RXR-2.1  | Identifier            | RD            | Value-Test Case Fixed     |
| RXR-2.2  | Text                  | Right Deltoid | Presence-Test Case Proper |
| RXR-2.3  | Name of Coding System | HL70163       | Value-Profile Fixed       |

**RXR - 2**

| Location | Data Element          | Data          | Categorization            |
|----------|-----------------------|---------------|---------------------------|
| RXR-1    | Route                 |               |                           |
| RXR-1.1  | Identifier            | C28161        | Value-Test Case Fixed     |
| RXR-1.2  | Text                  | Intramuscular | Presence-Test Case Proper |
| RXR-1.3  | Name of Coding System | NCIT          | Value-Profile Fixed       |
| RXR-2    | Administration Site   |               |                           |
| RXR-2.1  | Identifier            | LD            | Value-Test Case Fixed     |
| RXR-2.2  | Text                  | Left Deltoid  | Presence-Test Case Proper |
| RXR-2.3  | Name of Coding System | HL70163       | Value-Profile Fixed       |

**OBX - 1**

| Location | Data Element                 | Data                   | Categorization               |
|----------|------------------------------|------------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 1                      | Value-Profile Fixed          |
| OBX-2    | Value Type                   | CE                     | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                        |                              |
| OBX-3.1  | Identifier                   | 30963-3                | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Vaccine Funding Source | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                     | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 1                      | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |                        |                              |
| OBX-5.1  | Identifier                   | PHC70                  | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | Private                | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | CDCPHINVS              | Value-Profile Fixed          |
| OBX-6    | Units                        |                        |                              |
| OBX-6.1  | Identifier                   |                        | NonPresence                  |
| OBX-6.2  | Text                         |                        | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                        | NonPresence                  |
| OBX-11   | Observation Result Status    | F                      | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                        |                              |
| OBX-14.1 | Time                         | 20150625               | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                        |                              |
| OBX-17.1 | Identifier                   |                        | Indifferent                  |
| OBX-17.2 | Text                         |                        | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                        | Indifferent                  |

**OBX - 2**

| Location | Data Element           | Data                                | Categorization            |
|----------|------------------------|-------------------------------------|---------------------------|
| OBX-1    | Set ID - OBX           | 2                                   | Value-Profile Fixed       |
| OBX-2    | Value Type             | CE                                  | Value-Test Case Fixed     |
| OBX-3    | Observation Identifier |                                     |                           |
| OBX-3.1  | Identifier             | 64994-7                             | Value-Test Case Fixed     |
| OBX-3.2  | Text                   | Vaccine Funding Program Eligibility | Presence-Test Case Proper |
| OBX-3.3  | Name of Coding System  | LN                                  | Value-Profile Fixed       |
| OBX-4    | Observation Sub-ID     | 2                                   | Presence-Test Case Proper |
| OBX-5    | Observation Value      |                                     |                           |
| OBX-5.1  | Identifier             | V01                                 | Value-Test Case Fixed     |
| OBX-5.2  | Text                   | Not VFC Eligible                    | Presence-Test Case Proper |
| OBX-5.3  | Name of Coding System  | HL70064                             | Value-Profile Fixed       |
| OBX-6    | Units                  |                                     |                           |
| OBX-6.1  | Identifier             |                                     | NonPresence               |
| OBX-6.2  | Text                   |                                     | NonPresence               |

|          |                              |                  |                     |
|----------|------------------------------|------------------|---------------------|
| OBX-6.3  | Name of Coding System        |                  | NonPresence         |
| OBX-11   | Observation Result Status    | F                | Value-Profile Fixed |
| OBX-14   | Date/Time of the Observation |                  |                     |
| OBX-14.1 | Time                         | 20150625         | Indifferent         |
| OBX-17   | Observation Method           |                  |                     |
| OBX-17.1 | Identifier                   | VXC40            | Indifferent         |
| OBX-17.2 | Text                         | per immunization | Indifferent         |
| OBX-17.3 | Name of Coding System        | CDCPHINVS        | Indifferent         |

#### OBX - 3

| Location | Data Element                 | Data  | Categorization            |
|----------|------------------------------|---|---------------------------|
| OBX-1    | Set ID - OBX                 | 3   | Value-Profile Fixed       |
| OBX-2    | Value Type                   | CE  | Value-Test Case Fixed     |
| OBX-3    | Observation Identifier       |   |                           |
| OBX-3.1  | Identifier                   | 69764-9   | Value-Test Case Fixed     |
| OBX-3.2  | Text                         | Document Type   | Presence-Test Case Proper |
| OBX-3.3  | Name of Coding System        | LN  | Value-Profile Fixed       |
| OBX-4    | Observation Sub-ID           | 3   | Presence-Test Case Proper |
| OBX-5    | Observation Value            |   |                           |
| OBX-5.1  | Identifier                   | 25308869830001341125013                                   | Value-Test Case Fixed     |
| OBX-5.2  | Text                         | MMRV Vaccine (Measles, Mumps, Rubella, and Varicella) VIS | Presence-Test Case Proper |
| OBX-5.3  | Name of Coding System        | cdcgs1vis   | Value-Profile Fixed       |
| OBX-6    | Units                        |   |                           |
| OBX-6.1  | Identifier                   |   | NonPresence               |
| OBX-6.2  | Text                         |   | NonPresence               |
| OBX-6.3  | Name of Coding System        |   | NonPresence               |
| OBX-11   | Observation Result Status    | F   | Value-Profile Fixed       |
| OBX-14   | Date/Time of the Observation |   |                           |
| OBX-14.1 | Time                         | 20150625  | Indifferent               |
| OBX-17   | Observation Method           |   |                           |
| OBX-17.1 | Identifier                   |   | Indifferent               |
| OBX-17.2 | Text                         |   | Indifferent               |
| OBX-17.3 | Name of Coding System        |   | Indifferent               |

#### OBX - 4

| Location | Data Element                 | Data               | Categorization               |
|----------|------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 4                  | Value-Profile Fixed          |
| OBX-2    | Value Type                   | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                    |                              |
| OBX-3.1  | Identifier                   | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Date Vis Presented | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                 | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 3                  | Presence-Test Case Proper    |
| OBX-5    | Observation Value            | 20150625           | Presence-Content Indifferent |
| OBX-6    | Units                        |                    |                              |
| OBX-6.1  | Identifier                   |                    | NonPresence                  |
| OBX-6.2  | Text                         |                    | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                    | NonPresence                  |
| OBX-11   | Observation Result Status    | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                    |                              |
| OBX-14.1 | Time                         | 20150625           | Indifferent                  |

|          |                       |  |             |
|----------|-----------------------|--|-------------|
| OBX-17   | Observation Method    |  |             |
| OBX-17.1 | Identifier            |  | Indifferent |
| OBX-17.2 | Text                  |  | Indifferent |
| OBX-17.3 | Name of Coding System |  | Indifferent |

**OBX - 5**

| Location | Data Element                 | Data                   | Categorization               |
|----------|------------------------------|------------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 1                      | Value-Profile Fixed          |
| OBX-2    | Value Type                   | CE                     | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                        |                              |
| OBX-3.1  | Identifier                   | 30963-3                | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Vaccine Funding Source | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                     | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 1                      | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |                        |                              |
| OBX-5.1  | Identifier                   | PHC70                  | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | Private                | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | CDCPHINVS              | Value-Profile Fixed          |
| OBX-6    | Units                        |                        |                              |
| OBX-6.1  | Identifier                   |                        | NonPresence                  |
| OBX-6.2  | Text                         |                        | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                        | NonPresence                  |
| OBX-11   | Observation Result Status    | F                      | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                        |                              |
| OBX-14.1 | Time                         | 20150625               | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                        |                              |
| OBX-17.1 | Identifier                   |                        | Indifferent                  |
| OBX-17.2 | Text                         |                        | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                        | Indifferent                  |

**OBX - 6**

| Location | Data Element                 | Data                                | Categorization               |
|----------|------------------------------|-------------------------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 2                                   | Value-Profile Fixed          |
| OBX-2    | Value Type                   | CE                                  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                                     |                              |
| OBX-3.1  | Identifier                   | 64994-7                             | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Vaccine Funding Program Eligibility | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                                  | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 2                                   | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |                                     |                              |
| OBX-5.1  | Identifier                   | V01                                 | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | Not VFC Eligible                    | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | HL70064                             | Value-Profile Fixed          |
| OBX-6    | Units                        |                                     |                              |
| OBX-6.1  | Identifier                   |                                     | NonPresence                  |
| OBX-6.2  | Text                         |                                     | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                                     | NonPresence                  |
| OBX-11   | Observation Result Status    | F                                   | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                                     |                              |
| OBX-14.1 | Time                         | 20150625                            | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                                     |                              |
| OBX-17.1 | Identifier                   | VXC40                               | Value-Test Case Fixed        |
| OBX-17.2 | Text                         | per immunization                    | Presence-Test Case Proper    |

|          |                       |           |                     |
|----------|-----------------------|-----------|---------------------|
| OBX-17.3 | Name of Coding System | CDCPHINVS | Value-Profile Fixed |
|----------|-----------------------|-----------|---------------------|

**OBX - 7**

| Location | Data Element                 | Data                    | Categorization               |
|----------|------------------------------|-------------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 3                       | Value-Profile Fixed          |
| OBX-2    | Value Type                   | CE                      | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                         |                              |
| OBX-3.1  | Identifier                   | 69764-9                 | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Document Type           | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                      | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 3                       | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |                         |                              |
| OBX-5.1  | Identifier                   | 25308869830001721125013 | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | Polio Vaccine VIS       | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | cdegs1vis               | Value-Profile Fixed          |
| OBX-6    | Units                        |                         |                              |
| OBX-6.1  | Identifier                   |                         | NonPresence                  |
| OBX-6.2  | Text                         |                         | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                         | NonPresence                  |
| OBX-11   | Observation Result Status    | F                       | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                         |                              |
| OBX-14.1 | Time                         | 20150625                | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                         |                              |
| OBX-17.1 | Identifier                   |                         | Indifferent                  |
| OBX-17.2 | Text                         |                         | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                         | Indifferent                  |

**OBX - 8**

| Location | Data Element                 | Data               | Categorization               |
|----------|------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 4                  | Value-Profile Fixed          |
| OBX-2    | Value Type                   | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                    |                              |
| OBX-3.1  | Identifier                   | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Date Vis Presented | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                 | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 3                  | Presence-Test Case Proper    |
| OBX-5    | Observation Value            | 20150625           | Presence-Content Indifferent |
| OBX-6    | Units                        |                    |                              |
| OBX-6.1  | Identifier                   |                    | NonPresence                  |
| OBX-6.2  | Text                         |                    | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                    | NonPresence                  |
| OBX-11   | Observation Result Status    | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                    |                              |
| OBX-14.1 | Time                         | 20150625           | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                    |                              |
| OBX-17.1 | Identifier                   |                    | Indifferent                  |
| OBX-17.2 | Text                         |                    | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                    | Indifferent                  |

**OBX - 9**

| Location | Data Element | Data | Categorization        |
|----------|--------------|------|-----------------------|
| OBX-1    | Set ID - OBX | 5    | Value-Profile Fixed   |
| OBX-2    | Value Type   | CE   | Value-Test Case Fixed |



|          |                              |   |                              |
|----------|------------------------------|---|------------------------------|
| OBX-3    | Observation Identifier       |   |                              |
| OBX-3.1  | Identifier                   | 69764-9   | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Document Type                                     | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN  | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 4   | Presence-Test Case Proper    |
| OBX-5    | Observation Value            |   |                              |
| OBX-5.1  | Identifier                   | 253088698300003511210806                          | Value-Test Case Fixed        |
| OBX-5.2  | Text                         | DTaP (Diphtheria, Tetanus, Pertussis) Vaccine VIS | Presence-Test Case Proper    |
| OBX-5.3  | Name of Coding System        | cdogs1vis   | Value-Profile Fixed          |
| OBX-6    | Units                        |   |                              |
| OBX-6.1  | Identifier                   |   | NonPresence                  |
| OBX-6.2  | Text                         |   | NonPresence                  |
| OBX-6.3  | Name of Coding System        |   | NonPresence                  |
| OBX-11   | Observation Result Status    | F   | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |   |                              |
| OBX-14.1 | Time                         | 20150625  | Presence-Content Indifferent |
| OBX-17   | Observation Method           |   |                              |
| OBX-17.1 | Identifier                   |   | Indifferent                  |
| OBX-17.2 | Text                         |   | Indifferent                  |
| OBX-17.3 | Name of Coding System        |   | Indifferent                  |

**OBX - 10**

| Location | Data Element                 | Data               | Categorization               |
|----------|------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                 | 6                  | Value-Profile Fixed          |
| OBX-2    | Value Type                   | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier       |                    |                              |
| OBX-3.1  | Identifier                   | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                         | Date Vis Presented | Presence-Test Case Proper    |
| OBX-3.3  | Name of Coding System        | LN                 | Value-Profile Fixed          |
| OBX-4    | Observation Sub-ID           | 4                  | Presence-Test Case Proper    |
| OBX-5    | Observation Value            | 20150625           | Presence-Content Indifferent |
| OBX-6    | Units                        |                    |                              |
| OBX-6.1  | Identifier                   |                    | NonPresence                  |
| OBX-6.2  | Text                         |                    | NonPresence                  |
| OBX-6.3  | Name of Coding System        |                    | NonPresence                  |
| OBX-11   | Observation Result Status    | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation |                    |                              |
| OBX-14.1 | Time                         | 20150625           | Presence-Content Indifferent |
| OBX-17   | Observation Method           |                    |                              |
| OBX-17.1 | Identifier                   |                    | Indifferent                  |
| OBX-17.2 | Text                         |                    | Indifferent                  |
| OBX-17.3 | Name of Coding System        |                    | Indifferent                  |