## 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-<br>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<br>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<br>Organization |                                 |                              |
| MSH-22.1  | Organization Name                   | NISTEHRFAC                      | Indifferent                  |
| MSH-22.6  | Assigning Authority                 |                                 |                              |
| 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-23.7  | Identifier Type Code                |                                 | Indifferent                  |
|           | *                                   |                                 |                              |

| PID[1 |
|-------|
|-------|

| Location | Data Element | Data | Categorization |
|----------|--------------|------|----------------|
|          | /            |      | <b>9</b>       |

| 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-3.5    | 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<br>Names or Initials Thereof | <u> </u>               | 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  | 1                      | value-Test Case I fact       |
| PID-10.1   | Identifier  | 2106-3                 | Value-Test Case Fixed        |
| PID-10.1   | 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<br>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<br>Code                         | PRN                    | Value-Test Case Fixed        |
| PID-13.3   | Telecommunication Equipment Type                      | РН                     | 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<br>Effective Date         | 20150625 | Indifferent                  |
| PD1-16   | Immunization Registry<br>Status                | A        | Value-Test Case Fixed        |
| PD1-17   | Immunization Registry<br>Status Effective Date | 20110430 | Presence-Content Indifferent |
| PD1-18   | Publicity Code Effective<br>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<br>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<br>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<br>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<br>Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                   |                 |                              |
| 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<br>Names or Initials Thereof | Elizabeth       | Indifferent                  |
| ORC-12.9   | Assigning Authority                                   |                 |                              |
| 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<br>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<br>Names or Initials Thereof | Suzanne       | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                   |               |                              |
| 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-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<br>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<br>Refusal Reason |                     |                              |
| RXA-18.1 | Identifier                            |                     | NonPresence                  |
| RXA-18.2 | Text                                  |                     | NonPresence                  |
| RXA-18.3 | Name of Coding System                 |                     | NonPresence                  |
| RXA-20   | Completion Status                     | СР                  | 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<br>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                      | 25308869830001341121080   | 6Value-Test Case Fixed    |
| OBX-5.2  | Text                            | MMRV Vaccine (Measles,<br>Mumps, Rubella, and<br>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<br>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<br>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<br>Names or Initials Thereof | Suzanne      | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                   |              |                              |
| 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<br>Names or Initials Thereof | Elizabeth    | Presence-Content Indifferent |
| ORC-12.9   | Assigning Authority                                   |              |                              |
| 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 |
|---|----------|-----------------------|-----------------|------------------------------|
| ı | 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 Indifferen |
| 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 Indifferen |
| RXA-10.2   | Family Name   |                 |                             |
| RXA-10.2.1 | Surname   | Jackson         | Presence-Content Indifferen |
| RXA-10.3   | Given Name  | Lily            | Presence-Content Indifferen |
| RXA-10.4   | Second and Further Given<br>Names or Initials Thereof | Suzanne         | Presence-Content Indifferen |
| RXA-10.9   | Assigning Authority                                   |                 |                             |
| 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-15     | Substance Lot Number                                  | 88402           | Presence-Content Indifferen |
| RXA-16     | Substance Expiration Date                             |                 |                             |
| RXA-16.1   | Time  | 20150730        | Presence-Content Indifferen |
| RXA-17     | Substance Manufacturer<br>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                                 | MVX             | Value-Profile Fixed         |
| RXA-18     | Substance/Treatment<br>Refusal Reason                 |                 |                             |
| RXA-18.1   | Identifier  |                 | NonPresence                 |
| RXA-18.2   | Text  |                 | NonPresence                 |
| RXA-18.3   | Name of Coding System                                 |                 | NonPresence                 |
| RXA-20     | Completion Status                                     | СР              | 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]

| OKDER[2],ODSERVATION[1],ODA[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]

| OKDER[2], ODDER VATION [5], ODA[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                   | 2530886983000172112108 | 06Value-Test Case Fixed      |
| OBX-5.2                            | Text                         | Polio 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[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                      | 25308869830000351121080                           | 6Value-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<br>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                       | I                               | 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-<br>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 Acknowledgme<br>Type      | nt 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<br>Organization   |                                 |                              |
| MSH-22.1  | Organization Name                     | NISTEHRFAC                      | Indifferent                  |
| MSH-22.6  | Assigning Authority                   |                                 |                              |
| MSH-22.7  | Identifier Type Code                  |                                 | Indifferent                  |
| MSH-22.10 | Organization Identifier               |                                 | Indifferent                  |
| MSH-23    | Receiving Responsible<br>Organization |                                 |                              |
| MSH-23.1  | Organization Name                     | NISTIISFAC                      | Indifferent                  |
| MSH-23.6  | Assigning Authority                   |                                 |                              |
| 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-3.5    | 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<br>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<br>Code                         | PRN                    | Value-Test Case Fixed        |
| PID-13.3   | Telecommunication<br>Equipment Type                   | РН                     | 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<br>Date | 20150625                      | Indifferent               |

|        | Immunization Registry Status                   |          | Value-Test Case Fixed        |
|--------|--|----------|------------------------------|
| PD1-17 | Immunization Registry Status<br>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<br>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<br>Code                         | PRN             | Value-Test Case Fixed        |
| NK1-5.3   | Telecommunication<br>Equipment Type                   | РН              | 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<br>Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
|------------|---|-----------------|------------------------------|
| ORC-10.9   | Assigning Authority                                   |                 |                              |
| 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<br>Names or Initials Thereof | Elizabeth       | Indifferent                  |
| ORC-12.9   | Assigning Authority                                   |                 |                              |
| 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<br>Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| ORC-10.9   | Assigning Authority                                   |                 |                              |
| 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<br>Names or Initials Thereof | Elizabeth       | Presence-Content Indifferent |
| ORC-12.9   | Assigning Authority                                   |                 |                              |
| 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<br>Counter                      | 1                   | Value-Profile Fixed          |
| RXA-3      | Date/Time Start of<br>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<br>Names or Initials Thereof | Suzanne             | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                   |                     |                              |
| 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-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<br>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<br>Refusal Reason                 |                     |                              |
| RXA-18.1   | Identifier  |                     | NonPresence                  |
| RXA-18.2   | Text  |                     | NonPresence                  |
| RXA-18.3   | Name of Coding System                                 |                     | NonPresence                  |
| RXA-20     | Completion Status                                     | СР                  | 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<br>Counter                      | 1               | Value-Profile Fixed          |
|------------|---|-----------------|------------------------------|
| RXA-3      | Date/Time Start of<br>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<br>Names or Initials Thereof | Suzanne         | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                   |                 |                              |
| 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-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<br>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                                 | MVX             | Value-Profile Fixed          |
| RXA-18     | Substance/Treatment<br>Refusal Reason                 |                 |                              |
| RXA-18.1   | Identifier  |                 | NonPresence                  |
| RXA-18.2   | Text  |                 | NonPresence                  |
| RXA-18.3   | Name of Coding System                                 |                 | NonPresence                  |
| RXA-20     | Completion Status                                     | СР              | 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                  |

| 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<br>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         |

| OBA - 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                   | 25308869830001341121080   | 6Value-Test Case Fixed    |
| OBX-5.2  | Text                         | MMRV Vaccine (Measles,<br>Mumps, Rubella, and<br>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               |

| 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 Indifferen |
| 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 |

| V = 1.1 V |                              |                        |                              |
|-----------|------------------------------|------------------------|------------------------------|
| 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                  |

| OBA - 0  |                              |                                     |                              |
|----------|------------------------------|-------------------------------------|------------------------------|
| 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 |
|----------|-----------------------|-----------|---------------------|
|----------|-----------------------|-----------|---------------------|

| 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                   | 25308869830001721121 | 10806Value-Test Case Fixed   |
| OBX-5.2  | Text                         | Polio 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                  |

#### OBX - 8

| 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                  |

| 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                      | 25308869830000351121080                           | 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<br>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              |
|----------|------------------------------|--------------------|-----------------------------|
| 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 Indifferen |
| 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 Indifferen |
| OBX-17   | Observation Method           |                    |                             |
| OBX-17.1 | Identifier                   |                    | Indifferent                 |
| OBX-17.2 | Text                         |                    | Indifferent                 |
| OBX-17.3 | Name of Coding System        |                    | Indifferent                 |