

MSH : Message Header

| 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 | NISTIISAPP | Presence-Content Indifferent |
| MSH-3.2 | Universal ID | | Indifferent |
| MSH-3.3 | Universal ID Type | | Indifferent |
| MSH-4 | Sending Facility | | |
| MSH-4.1 | Namespace ID | NISTIISFAC | Presence-Content Indifferent |
| MSH-4.2 | Universal ID | | Indifferent |
| MSH-4.3 | Universal ID Type | | Indifferent |
| MSH-5 | Receiving Application | | |
| MSH-5.1 | Namespace ID | NISTEHRAPP | Presence-Content Indifferent |
| MSH-5.2 | Universal ID | | Indifferent |
| MSH-5.3 | Universal ID Type | | Indifferent |
| MSH-6 | Receiving Facility | | |
| MSH-6.1 | Namespace ID | NISTEHRFAC | Presence-Content Indifferent |
| MSH-6.2 | Universal ID | | Indifferent |
| MSH-6.3 | Universal ID Type | | Indifferent |
| MSH-7 | Date/Time Of Message | | |
| MSH-7.1 | Time | 20150625121047.853-0500 | Presence-System Generated |
| MSH-9 | Message Type | | |
| MSH-9.1 | Message Code | ACK | Value-Profile Fixed |
| MSH-9.2 | Trigger Event | V04 | Value-Profile Fixed |
| MSH-9.3 | Message Structure | ACK | Value-Profile Fixed |
| MSH-10 | Message Control ID | NIST-IZ-AD-7.2_Receive_ACK_Z23 | 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 | NE | Value-Profile Fixed |
| MSH-16 | Application Acknowledgment Type | NE | Value-Profile Fixed |
| MSH-21 | Message Profile | | |

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|------------|------------------------------------|------------|------------------------------|
| | Identifier | | |
| MSH-21.1 | Entity Identifier | Z23 | Value-Test Case Fixed |
| MSH-21.2 | Namespace ID | CDCPHINVS | Value-Test Case Fixed |
| MSH-21.3 | Universal ID | | Indifferent |
| MSH-21.4 | Universal ID Type | | Indifferent |
| MSH-22 | Sending Responsible Organization | | |
| MSH-22.1 | Organization Name | NISTEHRFAC | Presence-Content Indifferent |
| MSH-22.6 | Assigning Authority | | |
| MSH-22.6.1 | Namespace ID | | Indifferent |
| MSH-22.6.2 | Universal ID | | Indifferent |
| MSH-22.6.3 | Universal ID Type | | Indifferent |
| MSH-22.7 | Identifier Type Code | | Indifferent |
| MSH-22.10 | Organization Identifier | | Indifferent |
| MSH-23 | Receiving Responsible Organization | | |
| MSH-23.1 | Organization Name | NISTIISFAC | Presence-Content Indifferent |
| MSH-23.6 | Assigning Authority | | |
| MSH-23.6.1 | Namespace ID | | Indifferent |
| MSH-23.6.2 | Universal ID | | Indifferent |
| MSH-23.6.3 | Universal ID Type | | Indifferent |
| MSH-23.7 | Identifier Type Code | | Indifferent |
| MSH-23.10 | Organization Identifier | | Indifferent |

MSA : Message Acknowledgment

| Location | Data Element | Data | Categorization |
|----------|---------------------|-----------------------------|---------------------------|
| MSA-1 | Acknowledgment Code | AE | Value-Test Case Fixed |
| MSA-2 | Message Control ID | NIST-IZ-AD-7.1_Send_V04_Z22 | Presence-System Generated |

ERR : Error

| Location | Data Element | Data | Categorization |
|----------|------------------|------|----------------------------|
| ERR-2 | Error Location | | |
| ERR-2.1 | Segment ID | RXA | Value-Test Case Fixed |
| ERR-2.2 | Segment Sequence | 1 | Value-Test Case Fixed |
| ERR-2.3 | Field Position | 5 | Value-Test Case Fixed |
| ERR-2.4 | Field Repetition | 1 | Value-Test Case Fixed |
| ERR-2.5 | Component Number | 1 | Value-Test Case Fixed List |

| | | | |
|---------|------------------------|--|------------------------------|
| ERR-2.6 | Sub-Component Number | | Indifferent |
| ERR-3 | HL7 Error Code | | |
| ERR-3.1 | Identifier | 999 | Value-Test Case Fixed |
| ERR-3.2 | Text | Application error | Presence-Content Indifferent |
| ERR-3.3 | Name of Coding System | HL70357 | Value-Profile Fixed |
| ERR-4 | Severity | E | Value-Test Case Fixed |
| ERR-5 | Application Error Code | | |
| ERR-5.1 | Identifier | 5 | Value-Test Case Fixed |
| ERR-5.2 | Text | Table value not found | Presence-Content Indifferent |
| ERR-5.3 | Name of Coding System | HL70533 | Value-Profile Fixed |
| ERR-8 | User Message | Vaccine code not recognized - message rejected | Presence-Content Indifferent |