Attachment 9: Laboratory Data

| Data Element Name | Data Element Description | Value Set Code |
|---|---|---|
| Test Performed Name | Name of test or analyte performed. The lab test that was run on the specimen. This is also referred as "Resulted Test Name" | PHVS_LabTestName_CDC |
| Test Result - Coded Qualitative (non-organism) | Coded Qualitative Test Result Value | PHVS_LabTestResultQualitative_CDC |
| Test Result - Coded Organism | Coded result - Organism (SNOMED) Result Value, used where OBX-2 is CE or CWE value type | PHVS_Microorganism_CDC |
| Test Result - Numeric | Numeric Result Value, used where OBX-2 is SN or NM value type | N/A |
| Units of Measure | Numeric Result Value, used where OBX-2 is SN or NM value type | PHVS_UnitsOfMeasure_CDC |
| Test Result - Text | Lab Result Text Value used where OBX-2 is TX. Textual result value, used if result is neither numeric nor coded. | N/A |
| Test Result -Interpretation Flag | Abnormal Flags used for laboratory result interpretation (OBX-8) by Lab (not Epidemiologist's Interpretation).<br>The interpretation flag identifies a result that is not typical as well as how its not typical. Examples: Susceptible, Resistant, Normal, Above upper panic limits, below absolute low. | PHVS_AbnormalFlag_HL7_27 |
| Test Result - Reference Range | Reference Range | N/A |
| Observation Result Status | Result Status (OBX-11). The Result Status is the degree of completion of the lab test. | PHVS_ObservationResultStatus_HL7_2x |
| Specimen collection date | Date/Time of Observation in OBX segment for ELR infers to the specimen collection date | N/A |
| Test Method | The technique or method used to perform the test and obtain the test results. Observation Method. Examples: Serum Neutralization, Titration, dipstick, test strip, anaerobic culture. | PHVS_LabTestMethods_CDC |
| Specimen Analyzed Date | Lab Report Date - Date/Time of the Analysis. | N/A |
| Performing Laboratory Name | Name of Laboratory that performed the lab test. Performing Organization Name | N/A |
| Performing Person Name | Performing Organization Medical Director / Performing Person Name. | N/A |

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| Test Result Comments | Comments having to do specifically with the lab result test. These are the comments from the NTE segment if the result was originally an Electronic Laboratory Report. | N/A |
| Specimen ID | A laboratory generated number that identifies the specimen related to this test. | N/A |
| Specimen Type | The type of specimen used in testing the Resulted Lab Test. | PHVS_Specimen_CDC |
| Specimen Source Site | This indicates the physical location of the subject where the specimen originated. Examples include: Right Internal Jugular, Left Arm, Buttock, Right Eye, etc. | PHVS_BodySite_CDC |
| Specimen Description | Text description of the specimen | N/A |
| Specimen Collection Date/Time | The date the specimen was collected. | N/A |
| Filler Order # | A laboratory generated number that identifies the test/order instance. | N/A |
| Test Ordered Name | Test that was ordered by the physician / provider. This could be a lab test panel which would lead to several lab tests. | PHVS_LabTestOrderables_CDC |
| Observation Date/Time | Observation Date/Time (OBR-7) | N/A |
| Results Rpt/Status Chng - Date/Time | Results Rpt/Status Chng - Date/Time | N/A |
| Result Status | Result Status | PHVS_ResultStatus_HL7_2x |
| Reason for Study | Reason for Study | N/A |
| Placer Order Number | Placer Order Number | N/A |
| Ordering Provider | Ordering Provider | N/A |
| Specimen ID Placer Assigned Identifier | Specimen ID Placer Assigned Identifier | N/A |
| Specimen ID Filler Assigned Identifier | Specimen ID Filler Assigned Identifier | N/A |
| Specimen Role | Specimen Role | PHVS_SpecimenRole_CDC |
| Specimen Collection Amount | Specimen Collection Amount | N/A |
| Specimen Received Date/Time | Specimen Received Date/Time | N/A |
| Specimen Action Code | HL7 version 2.x Specimen action code used in chapter(s) 4; HL7 table 065 | PH_SpecimenActionCode_HL7_2x |
| Parent Universal Service Identifier | Parent universal service identifier is optionally allowed for labs that do not support unique placer or filler order numbers | N/A |
| Unique Identifier for Current Sample | Isolate identifier unique for each isolate within laboratory | N/A |
| Genotype Sequence | Identifies the genotype sequence of an organism | TBD |

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|---|---|---|
| Serotype | Identifies the serotype of an organism. | TBD |
| Serogroup | Identifies the serogroup of an organism. | TBD |
| Species | identifies the group of organisms or animals. | TBD |
| Performing Laboratory Type | Performing laboratory type | TBD |
| Date/Time of Lab Result | Date result sent from reporting laboratory | N/A |
| Specimen Type sent to CDC | Specimen(s) sent to CDC | PHVS_YesNoUnknown_CDC |
| Date Specimen Sent to CDC | Date specimen sent to CDC | N/A |
| Microorganism Identified in Isolate | Pathogen /Organism Identified in Isolate. | TBD |
| Isolate Identifier | Isolate identifier unique for each isolate within laboratory. | N/A |
| Antimicrobial Susceptibility Specimen Type | Antimicrobial Susceptibility Specimen Type (e.g. Exudate, Blood, Serum, Urine) | TBD |
| Antimicrobial Specimen Collection Site | Anatomic site where the specimen was collected (e.g. Urethra, Throat, Nasopharynx) | TBD |
| Antimicrobial Susceptibility Specimen Collection Date | Antimicrobial Susceptibility Specimen Collection Date | N/A |
| Antimicrobial Susceptibility Test Type | Antimicrobial Susceptibility Test Type would includes drugs, enzymes, PCR and other genetic tests to detect the resistance against specific drugs. | TBD |
| Antimicrobial Susceptibility Test Method | Antimicrobial Susceptibility Test Method (e.g. E-Test, MIC, Disk Diffusion) | TBD |
| Antimicrobial Susceptibility Test Interpretation | Antimicrobial Susceptibility Test Interpretation (e.g. Susceptible, Resistant, Intermediate, Not tested) | TBD |
| Antimicrobial Susceptibility Test Result Quantitative Value | Antimicrobial Susceptibility Test Result Numerical Value (e.g. Quantitative MIC values, Disk Diffusion size in mm) | N/A |
| Antimicrobial Susceptibility Test Result Numerical Value Units | Antimicrobial Susceptibility Test Result Numerical Value Units (e.g. microgram/ml, mm) | TBD |
| Antimicrobial Susceptibility Test Result Coded Quantitative | Antimicrobial Susceptibility Test Result - Coded Quantitative. List of coded values (i.e. valid dilutions) to represent the antimicrobial susceptibility test result. | TBD |