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). 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

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

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