



Zika Reporting at Mayo

Standardization of AOE Questions & Answers for Public Health Surveillance

Mayo Orders for Zika

- OBR|1||ACCN2|^M^ZIKV^ZIKA VIRUS MAC-ELISA, IGM, S^L|
||201702030737|||||201702061149|^SERUM|^LAST^FIRST|^|2
01702061149|||F
- OBR|1||ACCN1|^P^NZIK^PRENATAL ZIKA VIRUS MAC-
ELISA, IGM, S^L|||201702010956|||||201702060849|^SERUM|^LAST^
FIRST|^|201702061352|||F

Mayo AOE Questions & Answers for Zika

- OBX|2|CE|11449-6^Pregnancy status Imp Reported^LN^PREGO^Pregnant?
^L||373066001^Yes^SNM|||||F|||20170205110100|24D1040592^Mayo Clinic L
abs-Roch Superior Dr^CLIA
- OBX|3|CE|8691-8^Hx of Travel^LN^TRVL^Travel to/Resident of Zika Region?
^L||373066001^Yes^SNM|||||F|||20170205110100|24D1040592^Mayo Clinic L
abs-Roch Superior Dr^CLIA
- OBX|4|CE|75325-1^Symptom^LN^SYMPS^Current or prior Zika symptoms?
^L||373067005^No^SNM|||||F|||20170205110100|24D1040592^Mayo Clinic La
bs-Roch Superior Dr^CLIA

LOINC for Pregnancy Status

11449-6 Pregnancy status [Interpretation] - Reported

NAME

Fully-Specified Name:	Component	Property	Time	System	Scale	Method
	Pregnancy status	Imp	Pt	^Patient	Nom	Reported

TERM DEFINITION/DESCRIPTION(S)

Patient's pregnancy status (e.g., pregnant, not pregnant), as reported by the patient or the patient's proxy.
 Source: Regenstrief LOINC

BASIC ATTRIBUTES

Class/Type:	H&P.HX/Clinical
First Released in Version:	1.0j-a
Last Updated in Version:	2.58
Order vs. Obs.:	Observation
Status:	Active.
	Change Reason: 10/2016: Added term description and example answer list.

EXAMPLE ANSWER LIST ([LL4129-4](#))

SEQ#	Answer	Answer ID
1	Pregnant	LA15173-0
2	Not pregnant	LA26683-5
3	Unknown	LA4489-6



LOINC for History of Travel

8691-8

History of Travel

NAME

Fully-Specified Name:	Component	Property	Time	System	Scale	Method
	Travel	Hx	Pt	^Patient	Nom	

BASIC ATTRIBUTES

Class/Type: H&P.HX/Clinical
First Released in Version: 1.0h(3)
Last Updated in Version: 2.56
Status: Active.
Change Reason: Removed "History of" from Component, changed Property from "Find" to "Hx", and removed "Reported" Method per 8/2015 Clinical LOINC Committee decision.

LOINC for Symptom

75325-1 Symptom						
NAME						
Fully-Specified Name:	Component	Property	Time	System	Scale	Method
	Symptom	Find	Pt	^Patient	Nom	
PART DEFINITION/DESCRIPTION(S)						
<p>Part: Symptom</p> <p>An indication that a person has a condition or disease. Some examples of symptoms are headache, fever, fatigue, nausea, vomiting, and pain.</p> <p>Source: Genetic Home Reference, National Library of Medicine, URL: Symptom</p>						
BASIC ATTRIBUTES						
Class Type:	HL7.CCDA/Clinical					
First Released in Version:	2.50					
Last Updated in Version:	2.50					
Order vs. Obs.:	Observation					
Status:	Active					
NORMATIVE ANSWER LIST (LL3153-5)						
Description:	Symptoms value set to be determined. Specific URL pending.					

HL7 AOE Questions

TABLE 8-1. EXAMPLE LOINC AOE QUESTIONS

LOINC Code ⁷	LOINC Long Name	Suggested Common Question Name	Alias Name	Suggested HL7 Data Type OBX response	Usage Note	Test Type Group
11449-6	Pregnancy status – Reported	Pregnancy status reported by patient		CWE	<p>Answers from a limited list as reported by patient: Pregnant / not pregnant / unknown / pregnant can be expanded to include trimesters, if desired for certain tests, where Estimated Delivery Date (EDD) is not also asked –</p> <p>Should be coded using: SNOMED CT (77386006^Patient currently pregnant (finding)^SCT 60001007^Not pregnant (finding)^SCT) / HL7 null flavor (UNK) respectively</p> <p>HL7 0352 was published in prior releases of eDOS IG, but maps to SNOMED-CT Y – maps to 77386006 N – maps to 60001007 Unknown – maps to U in HL70352</p>	Any Test



HL7 AOE Questions

TABLE 8-1. EXAMPLE LOINC AOE QUESTIONS						
LOINC Code ⁷	LOINC Long Name	Suggested Common Question Name	Alias Name	Suggested HL7 Data Type OBX response	Usage Note	Test Type Group
8691-8	History of Travel	Where has the patient traveled to and when?		CWE	<p>The physician should ask open ended questions to illicit maximum information from the patient, and then evaluate, if it is pertinent to the test ordered to support the suspected differential diagnosis – the data element therefore is pertinent travel location and Travel start and end date/time – but that is not how the questions is to be asked</p> <p>This is covered by relevant clinical history. When this AOE is used, the laboratory should use the special instructions field in eDOS to specify which information might be relevant for the test in question.</p> <p>Should be picked from a list - can use the ISO-3166 (3 alpha) for Countries or United States Postal Service (USPS) for States.</p> <p>There are also some region codes from the WHO that could be applicable - for example Sub-Saharan Africa, if a specific list of visited countries is not provided.</p>	Infection Risk/Related to Infection Public Health

