

5.2.2 Guideline B - Laboratory Orders

Recommendation:

To identify the requested observation/test/battery LOINC should be used as the standard coding system.

Alternative 1:

The SNOMED CT expression associated with a LOINC code may be used.

Alternative 2:

SNOMED CT concepts from the [15220000 | Laboratory test](#) or [363787002 | Observable entity](#) hierarchies may be used.

Examples

Example 1: Value set for Lab Test orderables that could be used for influenza

Table 5.2.2-1: Value Set Code PHVS_LabTestOrder_PHLIP_Flu

Concept Code	Preferred Concept Name	Code System Name
68991-9	Epidemiologically important information for public health reporting panel	LOINC
29591-5	Enterovirus RNA [Presence] in Unspecified specimen by Probe & target amplification method	LOINC
60528-7	Enterovirus subtype [Type] in Unspecified specimen by Probe & target amplification method	LOINC
5843-8	EV XXX cult	LOINC
43364-9	Enterovirus identified in Unspecified specimen by Immunofluorescence	LOINC
5229-0	Influenza Virus A (Ab) CF Titer	LOINC
5230-8	Influenza Virus B (Ab) CF Titer	LOINC
6604-3	Influenza Virus Culture for Isolation on XXX	LOINC
6437-8	Influenza Virus A+B EIA on XXX	LOINC
5862-8	Influenza Virus A EIA on XXX	LOINC
https://phinivads.cdc.gov/vads/ViewValueSet.action?id=2EFBC056-83A9-E311-8D07-0017A477041A#		

Example 2: Laboratory Orders in National Animal Health Laboratory Network

The NAHLN uses LOINC codes to defining the test or panel/battery ordered as the Universal Service Identifier (OBR-4). In the NAHLN, new tests or panels that do not have an assigned LOINC Code, are identified with an alternative or local identifier.

Table 5.2.2-2: Subset of Test Codes in National Animal Health Laboratory Network

CODE	CODINGSYSTEM	TEXT
44273-1	LN	CSFV RNA XXX PCR-aCnc
10739-1	LN	Virus XXX EM
15444-3	LN	FLUA Ab Ser QI ID
15448-4	LN	APMV1 Ab Titr Ser HAI
22822-1	LN	FLUA Ab Ser QI EIA
22826-2	LN	FLUA XXX Bioassay
22832-0	LN	APMV1 XXX Bioassay
23002-9	LN	CSFV Ab Ser QI EIA
23006-0	LN	CSFV Ag XXX QI IF
23007-8	LN	CSFV Ag Tiss QI ImStn
23108-4	LN	FMDV Ab Ser QI EIA
23109-2	LN	FMDV Ab Ser QI ID
23115-9	LN	FMDV Sertyp XXX CF
23120-9	LN	FMDV Sertyp XXX EIA
23121-7	LN	FMDV Sertyp Tissue PCR
23379-1	LN	Abn Prion Prot Brain QI IB

23380-9	LN	Abn Prion Prot Brain QI ImStn
23563-0	LN	VSIV Ab Ser QI EIA
http://vtsl.vetmed.vt.edu/nahln/main.cfm?page=subset&subset=observation_id		

