

### Description

A patient is hospitalized for substance abuse. The physician orders a hepatitis panel through the hospital's EHR system to test for Hepatitis A, B and C antibodies/antigens. The serum specimen is collected the same day at in the morning and submitted to the hospital lab for testing via their LIS right after it was drawn. A few hours later the patient's test results are as follows:

- (1)Hepatitis A IgM antibodies (IgM anti-HAV) "Negative"
- (2)Hepatitis A antibodies (anti-HAV) "Negative"
- (3)Hepatitis B core antibodies (anti-HBVC) "Negative"
- (4)Hepatitis B core antibodies (anti-HBVC) quantitative 0.40 IU/mL (reference range: <0.50 IU/mL)
- (5)Hepatitis B virus e antibodies (anti-HBVe) "Negative"
- (6)Hepatitis B surface antigen (HBVsAg) "Negative"
- (7)Hepatitis B surface antibody (anti-HBVs) "Negative"
- (8)Hepatitis C antibody screen (anti-HCV) "Positive"
- (9)Hepatitis C antibodies Signal to Cut-off Ratio 10.8 s/co (reference range: 0.0-0.9 s/co)

The hospital LIS sends an LRI message containing these results to the EHR-S.

### Comments

This is the parent message.

### PreCondition

No Pre-condition.

### PostCondition

No Post Condition.

### TestObjectives

- Demonstrate the capability to create typically populated Hepatitis panel lab result message.
- Tests support for multiple comments for one test result.