

#### Description

Lab tests show serologic immunity to Hepatitis A, and no serologic immunity to Hepatitis B. These findings are documented in the record created for Anita Francesca Marina indicating that she is Hepatitis A Immune, and that she has no immunity to Hepatitis B.

#### Comments

No Comments

#### Pre-condition

The EHR has recorded the demographic information in the record created for Anita Francesca Marina.

#### Post-Condition

The serologic immunity (Hepatitis A virus IgG+IgM Ab [Presence] in Serum) - result positive and a finding of Hepatitis A Immune is documented in the record for Anita Francesca Marina.

The lack of serologic immunity (Hepatitis B virus IgG+IgM Ab [Presence] in Serum) - result negative and a finding of Hepatitis B non-immunity is documented in the record for Anita Francesca Marina.

#### Test Objectives

Support for:

**View Reconciled Immunization Forecast:** The EHR or other clinical software system has the ability to re-evaluate and update the immunization forecast using a patient's newly updated immunization history. Forecasts are updated following reconciliation of immunization data contained in the public health immunization registry with immunization data contained in the EHR. Processing the new forecast can be internal to the EHR or it can use an external forecasting service, but should reference the most recent recommendations.

Note: clinical history for adult healthcare worker supporting vaccine recommendations.

#### Evaluation Criteria

**Evaluation Criteria:** Vendor successfully records all clinical history data provided. The coded values are not expected to be displayed to the user, but it is expected that the value selected has the identified meaning, and it is expected that the system will use the coded value when the attribute is conveyed in later transactions:

Serologic Evidence of Non-Immunity to Hepatitis B and Serologic evidence of Immunity to Hepatitis A are documented in the record:

Lab Result and Finding (5/15/2016):

LOINC 51913-2 Hepatitis A virus IgG+IgM Ab [Presence] in Serum – result positive

LOINC 51914-0 Hepatitis B virus core IgG+IgM Ab [Presence] in Serum - result negative

Finding of Hepatitis A Immunity is recorded (SNOMED 278971009 Hepatitis A immune (finding))

Finding of Hepatitis B non-immunity is recorded (SNOMED 165808001 Hepatitis B non-immune (finding))

#### Notes

Manual entry of one of the patient demographics and clinical history will be required (or reviewed) to ensure that entry of the required fields is possible.