



Developer Name: Clinisys, Inc.
Product Name: Sunquest Laboratory
Version Numbers: v7, v8, v10, v11
CHPL Numbers:

Sunquest Laboratory v7	15.04.04.2390.Sunq.07.00.1.181030
Sunquest Laboratory v8	15.04.04.2390.Sunq.08.00.1.181030
Sunquest Laboratory v10	15.04.04.2390.Sunq.10.01.1.211008
Sunquest Laboratory v11	15.04.04.2390.Sunq.11.02.1.221202

Real World Testing Plan Page URL: [Meaningful Use Results Reporting Interface Real World Testing - Clinisys](#)

Justification for Real World Testing Approach

Sunquest Laboratory is a laboratory information system that stores electronic health information. As such, it is required to meet § 170.315(b)(10) criteria. Sunquest Laboratory provides a Meaningful Use Reportable Results Interface that sends reportable laboratory information to appropriate public health agencies. The Real World Testing plan outlines the approach for verifying compliance with § 170.315(b)(10) and § 170.317(f)(3).

Care Settings

All Real World Testing will focus on the hospital laboratory care setting.

Measures Used

Use Case 1: The following metrics were developed for § 170.315(b)(10) EHI export – Single patient EHI export:

- **Justification:** The export of a patient's EHI can be used to share information with another organization. The patient export tool is authorized for users with elevated security. This metric will verify the user of the export tool and the frequency of use, along with the accuracy of the data.
- **Test Methodology:** Log data will be reviewed for a sample of clients to determine the user of the export tool and the frequency of use over a minimum of 30 days. Data from a random sample of exports will be compared to a database query to verify appropriate data is exported.
- **Expected outcome:** Authorized users can export all EHI for a single patient.

Use Case 2: The following metrics were developed for § 170.315(b)(10) EHI export – Patient population EHI export:

- **Justification:** The export of EHI associated with a patient population can be used to share information with an external system. The function is typically run in small batches so there is no impact to the overall space used to extract the load. This metric will use total number of messages sent outbound to verify data is exporting as expected.
- **Test Methodology:** A statistics utility will be run to determine number of messages transferred over a minimum of 14 days. The report from the utility will be used to validate number of messages and proper operation of the export. Data from a random sample of exports will be compared to a database query to verify appropriate data is exported.
- **Expected outcome:** Authorized users can export all EHI for a patient population.

Use Case 3: The following metrics were developed for § 170.317(f)(3) Transmission to public health agencies – reportable laboratory tests and value/results:

- **Justification:** This metric will verify that the Meaningful Use Reportable Results interface creates and sends messages related to reportable laboratory information by accounting for the total number of messages generated over a period of time.
- **Test methodology:** An outbound message count from a sample of clients using the interface to submit reportable results to their local agency will be generated for a minimum of 14 days. These successful outbound messages display evidence of real-world use of the certified capabilities.
- **Expected outcome:** The Meaningful Use Reportable Results interface successfully creates and sends messages related to reportable laboratory information.



Key Milestone	Date
Identify participants	February 14, 2025
Begin data collection	April 1, 2025
End data collection	October 1, 2025
Analysis and report creation	November 2025
Submit Real World Testing Report	January 2026

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Date October 30, 2024