

# Urgent Field Safety Notice

ACHC24-03.A.OUS

**Atellica CH Analyzer**

**Atellica CI Analyzer**

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**Title** Atellica CH Iron3 (Iron3) Impacting Atellica CH Cholesterol\_2 (Chol\_2), Atellica CH LDL Cholesterol (LDLC), and Atellica CH Triglycerides\_2 (Trig\_2) Results

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**Date Issued** 13-Mar-2024

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**Issue Description** Siemens Healthineers has confirmed the potential for falsely elevated Chol\_2, LDLC, and Trig\_2 results on the Atellica® CH and Atellica® CI analyzers when the previous result in the cuvette was Iron3. This issue can impact calibrator, quality control (QC), and patient results. See “Appendix A” for Additional Data in Tables 1 – 3. All future lots are impacted until further notice.

The Atellica CH HDL Cholesterol (HDLC) and Atellica CH Iron\_2 (Iron\_2) assays are not impacted by this issue.

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**Products**

Assay	Test Code	Siemens Material Number/Unique Device Identification	Lot Number
Atellica CH Iron3	Iron3	11537211 / 00630414610849	All lots

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**Impact to Results**

- Falsely elevated Chol\_2, LDLC, and Trig\_2 results may occur. Internal studies have demonstrated a positive bias ranging from 2-16%, see Appendix A. The results would be used in conjunction with the patient’s medical history, clinical presentation, and other findings such as their cardiovascular risk profile.

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**Customer Actions**

- Please review this letter with your Medical Director to determine the appropriate course of action, including for any previously generated results, if applicable.
- Refer to short-term mitigation steps in “Appendix B” while Siemens works towards transitioning customers back to the Iron\_2 assay.
- Complete and return the Field Correction Effectiveness Check Form attached to this letter within 30 days.
- Please retain this letter with your laboratory records and forward this letter to those who may have received this product.

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**Resolution** Siemens is actively working to ramp up the supply volume to support customer conversion to the Iron\_2 assay. We anticipate being able to support an end to the mitigation within a six month timeframe. A follow up communication will be provided when “Customer Actions” are no longer required. These mitigations will remain in effect until the solution is provided.

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**Appendix A Additional Data Describing the Product Issue**

Table 1. Impact of Iron3 Carryover on Chol\_2 Results

Chol_2 mg/dL	Chol_2 After Iron3 mg/dL	Chol_2 mmol/L	Chol_2 After Iron3 mmol/L	% Bias
108	125	2.80	3.24	16%
164	188	4.25	4.87	15%
194	224	5.02	5.80	15%
300	345	7.77	8.94	15%

Table 2. Impact of Iron3 Carryover on LDLC Results

LDLC mg/dL	LDLC After Iron3 mg/dL	LDLC mmol/L	LDLC After Iron3 mmol/L	% Bias
67	76	1.74	1.97	13%
106	119	2.75	3.08	12%
163	176	4.22	4.56	8%

Table 3. Impact of Iron3 Carryover on Trig\_2 Results

Trig_2 mg/dL	Trig_2 After Iron3 mg/dL	Trig_2 mmol/L	Trig_2 After Iron3 mmol/L	% Bias
93	101	1.05	1.14	9%
140	150	1.58	1.70	7%
217	239	2.45	2.70	10%
535	545	6.05	6.16	2%
806	820	9.11	9.27	2%

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**Appendix B Customers with Multiple Atellica Analyzers**

Segregate Iron3 to a single analyzer and perform Chol\_2, Trig\_2, and LDLC testing on a different analyzer(s). For customers utilizing automation systems, please consult the appropriate instructions to perform the steps below.

- On the system(s) that will run Iron3 assay:
  - Allow the system to complete testing and go into standby.
  - Once in standby, disable the Chol\_2, LDLC, and Trig\_2 assays by following instructions in the Atellica Online Help "About Enabling and Disabling Assays on the System."
  - Resume processing all assays except Chol\_2, LDLC, and Trig\_2.

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2. On the system(s) that will run Chol\_2, LDLC, and Trig\_2 assay:
  - Allow the system to complete testing and go into standby.
  - Once in standby, disable the Iron3 assay by following instructions in the Atellica Online Help "About Enabling and Disabling Assays on the System."
  - For Atellica CH:
    - Perform 221 Chol\_2 tests to eliminate the Iron3 reagent impact prior to testing with Chol\_2, LDLC, or Trig\_2.
  - For Atellica CI:
    - Perform 130 Chol\_2 tests to eliminate the Iron3 reagent impact prior to testing with Chol\_2, LDLC, or Trig\_2.
  - Resume processing all assays except Iron3.
3. You may request 1 replacement kit of Chol\_2 reagent to be used in the steps above, via the attached FIELD CORRECTION EFFECTIVENESS CHECK response form.

### **Customers with a Single Atellica Analyzer**

Stop use of Iron3 and identify alternative methods for Iron testing. Prior to continuing routine processing on the Atellica system for assays besides Iron3, follow the steps below:

1. When the system is in standby, disable the Iron3 assay by following instructions in the Atellica Online Help "About Enabling and Disabling Assays on the System."
2. Remove Iron3 reagent prior to testing with Chol\_2, LDLC, or Trig\_2.
  - For Atellica CH:
    - Perform 221 Chol\_2 tests to eliminate the Iron3 reagent impact prior to testing with Chol\_2, LDLC, or Trig\_2.
  - For Atellica CI:
    - Perform 130 Chol\_2 tests to eliminate the Iron3 reagent impact prior to testing with Chol\_2, LDLC, or Trig\_2.
3. Resume all testing except for Iron3.
4. You may request 1 replacement kit of Chol\_2 reagent to be used in the steps above, via the attached FIELD CORRECTION EFFECTIVENESS CHECK response form.

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**FIELD CORRECTION EFFECTIVENESS CHECK**

This response form is to confirm receipt of the enclosed Siemens Healthineers **Urgent Field Safety Notice ACHC24-03.A.OUS** dated **13-Mar-2024**. Please read each question and indicate the appropriate answer.

If you have received any complaints of illness or adverse events associated with the products listed in the table on Page 1 immediately contact your local Siemens Healthineers Customer Care Center or your local Siemens Healthineers technical support representative.

Return this completed form as per the instructions provided at the bottom of this page.

- 1. I have read and understood the instructions provided in this letter. Yes  No
- 2. We have the affected product(s) on hand? Please check inventories before answering. Yes  No
- 3. All affected Site Personnel have been notified. Yes  No
- 4. A copy of the letter has been retained and posted with our current product labeling. Yes  No

If the answer to the question #2 above is yes, please complete the table below to request your 1 replacement kit of Atellica CH Chol\_2.

Product Description Product Catalog #/SMN #/Lot #	Replacement Quantity
Atellica CH Chol_2 / SMN 11097609	1
<b>Name of person completing questionnaire:</b>	
<b>Title:</b>	
<b>Institution:</b>	
<b>Street:</b>	
<b>City:</b>	<b>State:</b>
<b>Phone:</b>	<b>Country:</b>

Please send a scanned copy of the completed form via email to **XXXX@XXXX**

Or to fax this completed form to the Customer Care Center at **XXXXXX**

We apologize for the inconvenience this situation may cause.

If you have any questions, please contact your Siemens Healthineers Customer Care Center or your local Siemens Healthineers technical support representative.