

**ADVIA® 2120 Hematology Systems
ADVIA® 2120i Hematology Systems**

Potential Sample Identification (SID) Mismatch with 14-Character Barcodes

Our records indicate that your facility may have received the following product:

Table 1. ADVIA 2120/2120i Hematology Systems Affected Product(s)

Systems	Siemens Material Number (SMN)
ADVIA 2120 with Single Aspirate Autosampler	10316162
ADVIA 2120 with Dual Aspirate Autosampler	10313419
ADVIA 2120 REFURB SAA AUTOSAMPLER	10374453
ADVIA 2120 REFURB DAA AUTOSAMPLER	10374454
ADVIA 2120i with Single Aspirate Autosampler	10488923
ADVIA 2120i with Dual Aspirate Autosampler	10285573
ADVIA 2120i Refurb Single Aspirate	11314044
ADVIA 2120i Refurb Dual Aspirate	11314045
ADVIA 2120i (RoHS) with Dual Aspirate Autosampler	11219529
ADVIA 2120i (RoHS) with Single Aspirate Autosampler	11219530

Reason for Follow Up Communication

A new software patch, 6.10/6.11 Service Patch 01 (SP01) is now available for ADVIA 2120/2120i Hematology System software version 6.10.9 (clinical software version) and software version 6.11.7 (Multispecies).

This mandatory software patch corrects a sample barcode misinterpretation that occurs when the Barcode Encoding Selectivity feature is disabled and the 14-character barcode contains a non-alphanumeric character. ADVIA 2120/2120i Hematology System operating with earlier software

ADVIA® 2120/2120i Hematology Systems – Potential Sample Identification (SID) Mismatch with 14-Character Barcodes

versions were not affected. Siemens Service will coordinate with your laboratory to install the software patch.

Previously Siemens Healthcare Diagnostics Inc issued Urgent Field Safety Notice HSW21-01.A.OUS for the following reason:

The purpose of this communication is to inform you of an issue with the product indicated in Table 1 above and provide instructions on actions that your laboratory must take.

Siemens Healthcare Diagnostics Inc. has investigated a complaint and confirmed a potential that the ADVIA 2120/2120i Hematology System Software Versions 6.10 and 6.11 may misread patient sample 14-character Sample Identification (SID) barcodes which contain a non-alphanumeric character. This correction only applies to ADVIA 2120/2120i Hematology Systems running Software Version 6.10 or 6.11 and customers that have disabled the Barcode Encode Selectivity feature.

The issue only occurs if all the following conditions are met:

- Software Version 6.10/6.11 Software is installed with the new feature Barcode Encode Selectivity
- Barcode Encoded Selectivity is disabled
- The barcode must be equal to 14 characters (When the barcode is \leq 13 characters the issue will not happen)
- The barcode includes a single non-alphanumeric character
- The barcode is read by the Autosampler barcode reader (Barcode reading by the manual barcode reader is not impacted)

This may cause a workorder mismatch or an SID that is not located. Due to the complexity of the scenario described above, a patient SID mismatch is remote but possible.

Siemens Healthcare Diagnostics has determined the root cause of this issue to be a software coding error.

Risk to Health

Worst case the potential exists, though remote, for misidentification of a patient sample due to this issue. This only would occur if the misread SID matches another valid, active SID and the ordered analytes are shared. Siemens is not recommending a laboratory look back of previously generated results due to the remote possibility of this event occurring and leading to a clinically significant difference in patient management.

Actions to be Taken by the Customer

- Please review this letter with your Medical Director.
- Until the installation of the above-mentioned service patch, please continue to follow the instructions given within the initial Urgent Field Safety Notice HSW21-01.A.OUS provided in March 2021:
 - If you are using 14-character Sample Identification (SID) barcodes:
 - Ensure that the Barcode Encoding Selectivity feature is enabled.

ADVIA® 2120/2120i Hematology Systems – Potential Sample Identification (SID) Mismatch with 14-Character Barcodes

- Open the Sample Identification screen to determine if the checkbox to turn the Barcode Encoded Selectivity is on
- If Barcode Encoding Selectivity is disabled, please perform the following steps to enable Barcode Encoding Selectivity:
 - Open the Sample Identification screen
 - Select the checkbox to turn the Barcode Encoded Selectivity on
- Please retain this letter with your laboratory records and forward this letter to those who may have received this product.
- We apologize for the inconvenience this situation may cause. If you have any questions, please contact your local Siemens Healthineers technical support representative.

Additional Information

ADVIA is a trademark of Siemens Healthcare Diagnostics Inc.

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FIELD ACTION EFFECTIVENESS CHECK

ADVIA® 2120/2120i Hematology Systems – Potential Sample Identification (SID) Mismatch with 14-Character Barcodes

This response form is to confirm receipt of the enclosed Siemens Healthcare Diagnostics Urgent Field Safety Notice HSW21-01 dated April 2022 regarding ADVIA® 2120/2120i Hematology Systems – Potential Sample Identification (SID) Mismatch with 14-Character Barcodes. Please read each question and indicate the appropriate answer.

Return this completed form to Siemens Healthcare Diagnostics as per the instructions provided at the bottom of this page.

1. I have read and understood the Urgent Field Safety Notice instructions provided in this letter. Yes No

Name of person completing questionnaire: _____

Title: _____

Institution: _____ Instrument Serial Number: _____

Street: _____

City: _____ State: _____

Phone: _____ Country: _____

Please send a scanned copy of the completed form via email to CruinnFSNGroup@cruinn.ie

Or to fax this completed form to the Customer Care Center at 01-6297401.

If you have any questions, contact your local Siemens Healthineers technical support representative.