

## Urgent Field Safety Notice

DC-16-03.B.OUS-Vista

MAY 2016

### Dimension Vista® System

### Alanine Aminotransferase (ALTI) High Bias when using certain Enzyme 2 calibrator lots

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

**Table 1. Dimension Vista Affected Product**

Product	Product Code	Catalog Number	Siemens Material Number (SMN)	Lot Number	Date of First Shipment	Expiration Date
Dimension Vista Enzyme 2 Calibrator	ENZ 2 CAL	KC321	10475527	4MD048	2015-03-19	2016-01-01*
				5DD026	2015-05-08	2016-04-01*
				5ED071	2015-06-22	2016-05-01*
				5GD004	2015-09-09	2016-08-01
				5JD058	2015-11-17	2016-10-01
				5LD061	2016-02-08	2016-12-01

\* Expired

### Reason for Urgent Field Safety Notice

Siemens Healthcare Diagnostics has received complaints of positive shift of patient and QC results when the ALTI assay is calibrated with the Dimension Vista Enzyme 2 Calibrator lots noted above. Internal investigation has confirmed that patients, quality control, and proficiency testing material all demonstrate a similar shift of up to 10% in comparison to results obtained using earlier calibrator lots. This shift began with Enzyme 2 calibrator lot 4MD048.

Siemens has reassigned the bottle values of all Enzyme 2 Calibrator lots currently in date. These reassigned values are listed in Table 2. Laboratories may expect to observe a downward shift of approximately 8% in QC, patient samples and proficiency testing material when reassigned bottle values are used for calibration. Beginning with lot 6CD052 all future Enzyme 2 Calibrator lots, will be assigned to ensure closer alignment of patient results with the IFCC reference method.

**Table 2. Dimension Vista Enzyme 2 Calibrator Reassigned Bottle Values**

Lot #	Updated BV (U/L)		Updated BV (µkat/L)	
	Level A	Level B	Level A	Level B
4MD048		Expired	2016-01-01	
5DD026		Expired	2016-04-01	
5ED071		Expired	2016-05-01	
5GD004	0	979	0	16.35
5JD058	0	994	0	16.59
5LD061	0	975	0	16.29

## Risk to Health

Laboratories failing to successfully meet external quality assessment guidelines and that have ceased testing for ALT may experience a delay in reporting patient results. A delay of <24 hours has negligible clinical impact. The clinical impact of the bias observed for patient samples when this issue occurs is also negligible. Siemens is not recommending a review of previously generated results.

## Actions to be Taken by the Customer

Siemens recommends recalibration of existing Alanine Aminotransferase (ALTI) flexes and future calibrations using the reassigned calibrator bottle values for lots provided in Table 2 of this letter.

To edit the bottle values for a current lot of Enzyme 2 Calibrator programmed in the Dimension Vista® System, perform the following:

1. Select the **Advance** icon
2. Select the **Calibration** icon
3. Select **Calibrators** from the blue drop down menu
4. Select the Enzyme 2 Calibrator lot number to be edited
5. Under Actions, select **Edit**
6. Under the Bottle Value B column highlight the B value for ALTI
7. Press the delete key from the keyboard
8. Type in the new bottle value for Level B from Table 2 listed above
9. Under Actions, select **Save**
10. A pop-up window appears with the message “One bottle value or point value changed for the following ALTI” Select **YES**
11. Recalibrate any current ALTI reagent cartridge flex lots currently on board the Dimension Vista® System

To edit the bottle values for a new lot of Enzyme 2 calibrator, perform the following:

1. Select the **Advance** icon
2. Select the **Calibration** icon
3. Select **Calibrators** from the blue drop down menu
4. Scan the Enzyme 2 Calibrator IFU for the new lot
5. Select the Enzyme 2 Calibrator lot number to be edited
6. Under Actions, select **Edit**
7. Under the Bottle Value B column highlight the B value for ALTI
8. Press the delete key from the keyboard
9. Type in the new bottle value for Level B from Table 2 listed above
10. Under Actions, select **Save**
11. A pop-up window appears with the message “One bottle value or point value changed for the following ALTI” Select **YES**

12. Calibrate or recalibrate ALTI reagent flex cartridge as needed

Please review this letter with your Medical Director.

Please retain this letter with your laboratory records, and forward this letter to those who may have received this product.

Complete and return the Field Correction Effectiveness Check attached to this letter within 30 days.

We apologize for the inconvenience this situation may cause. If you have any questions, please contact your Siemens Customer Care Center or your local Siemens Technical Support representative.

### **Additional Information**

- Recovery of available Quality Control Bio-Rad Multiquel lots 45680V and 45720V has been evaluated using the revised calibrator bottle values. The data shows that lot 45720V required target adjustment based on the bottle value reassignment recommended in this letter. The revised QC target values for lot 45720V are available on the Bio-Rad website at [www.QCNet.com](http://www.QCNet.com).
- Any additional requests for target updates for alternate QC products will be evaluated and the QC targets will be revised as needed. Any revised control values will be located on the Bio-Rad website at [QCnet.com](http://QCnet.com).

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