



DC Method Performance Verification Program
Micronutrients Method Comparison



Instructions

- Enter information only in the yellow shaded cells. Cell will become green when populated
- Run these samples in the same way as you would routine patient samples
- Run the samples designated for each day in duplicate over a period of 4 days.
- Record all results with three significant figures (i.e., 105, 10.5, 1.05, 0.105)
- E-mail this completed worksheet to: micronutrbiomarkers@cdc.gov
- Retain the vials in your freezer in case of any questions regarding the ID or results.

Laboratory Details:

Laboratory ID#

Name of Laboratory

Shipment Details:

Shipment received date

Was the shipper received cold?

Did shipper contain a temperature monitor?

Color of dot on temperature monitor

Assay Details:

Matrix

Analyte

Units

Assay

Instrument (Manufacturer/Model)

(if a kit used) **Kit Details** (Name/Manufacturer)

Calibrator(s) *(if available)*

Calibration Range:

Low 0

High 0

LOD 0

Run	Assay Date	Sample	Sample ID	Result 1 0	Result 2 0	Notes
Day 1		1				
		2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				
		10				
		QC1				

Run	Assay Date	Sample	Sample ID	Result 1 0	Result 2 0	Notes
		QC2				
Day 2		1				
		2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				
		10				
		QC1				
		QC2				
Day 3		1				
		2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				
		10				
		QC1				
		QC2				
Day 4		1				
		2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				
		10				
		QC1				
		QC2				

Laboratory Notes

Chromatographic/LC-MS/MS [should not include MeFox]

Chromatographic/HPLC-UV

Immunoassay/Protein Binding Assay

Microbiologic Assay

Other (Please Describe Below)

5-MethylTHF

Folic Acid

Do not know

Other (Please Describe Below)

Serum

Whole Blood

AGP

CRP

Ferritin

Folate

sTfR

Vitamin A

Vitamin B12

Vitamin D

nmol/L

μmol/L

ng/mL

μg/dL

pg/mL

mg/L

Yes

No

No Color

Pink/Red