



## CDC Method Performance Verification Program

### Folate Microbiologic Assay 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](mailto: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/Country	

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	Folate
Units	

Assay	Microbiologic Assay
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(if a kit used)	Instrument		(Manufacturer/Model)
	Kit Details		(Name/Manufacturer)

Calibrator(s)	
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Calibration Range:

Low Cal		0
High Cal		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				

Run	Assay Date	Sample	Sample ID	Result 1 0	Result 2 0	Notes
		10				
		QC1				
		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