

Supplementary Table S3. Folate standards used in this study.

	Standard	Abbreviated name	Formula	
1	(6R,S)-5-methyl-5,6,7,8-tetrahydrofolic acid, calcium salt	5-CH ₃ -Glu.Ca	C ₂₀ H ₂₅ N ₇ O ₆ .Ca	Schircks Laboratories MYM biological technology company
2	Folic acid	FA	C ₁₉ H ₁₉ N ₇ O ₆	Schircks Laboratories
3	(6R,S)-5,10-methenyl-5,6,7,8-tetrahydrofolic acid chloride	5,10-CH ⁺ THF.Cl	C ₂₀ H ₂₂ N ₇ O ₆ .Cl	Schircks Laboratories
4	10-formylfolic acid	10-CHOFA	C ₂₀ H ₁₉ N ₇ O ₇	Schircks Laboratories
5	(6R,S)-5-formyl-5,6,7,8-tetrahydrofolic acid, calcium salt	5-CHOTHF.Ca	C ₂₀ H ₂₃ N ₇ O ₇	Schircks Laboratories
6	(6S)-5,6,7,8-tetrahydrofolic acid	THF	C ₁₉ H ₂₃ N ₇ O ₆	Schircks Laboratories
7	<i>P</i> -Aminobenzoyl-L-glutamic acid	pABG		Schircks Laboratories
8	DL-homocysteine	HCY	C ₄ H ₉ NO ₂ S	Sigma
9	S-adenosyl-L-methionine	SAM	C ₁₅ H ₂₂ N ₆ O ₅ S	Sigma
10	L-Methionine	Met	C ₅ H ₁₁ NO ₂ S	Sigma
11	S-(5'-Adenosyl)-L-homocysteine	SAH	C ₁₄ H ₂₀ N ₆ O ₅ S	Sigma
12	L-Theanine	Thea	C ₇ H ₁₄ N ₂ O ₃	Sigma
13	Methotrexate	MTX	C ₂₀ H ₂₂ N ₈ O ₅	Ark Pharm