



REFERENCES

Areekul, S., Vongyuthitham, M.; Yamarat, P., and Sunthornthum, S.

"Folic Acid and Folic Acid Binding Proteins in Milk"

Journal of the Medical Association of Thailand 61 (February 1978) : 81-86.

Bernstein, L.H.; Gutstein, S.; Weiner, S., and Efron, G. "The Absorption and Malabsorption of Folic Acid and Its Polyglutamates".

The American Journal of Medicine 48(May 1970) : 570-579.

Chanarin, I. The Megaloblastic Anemias. Oxford and Edinburgh : Blackwell Scientific Publications, 1969.

Collins, R.A.; Harper, A.E.; Schreiber, M., and Elvehjem, C.A. "The Folic Acid and Vitamin B₁₂ Content of the Milk of Various Species". The Journal of Nutrition 43 (February 1951) : 313-321.

Diem, K. and Lentner, C. Scientific Tables 7th ed. Basle (Switzerland) : J.R. Geigy S.A., 1970.

Dong, F.M. and Oace, S.M. "Folate Concentration and Pattern in Bovine Milk". Journal of Agricultural and Food Chemistry 23 (May/June 1975) : 534-538.

Dyke, S.F. The Chemistry of the Vitamins. London : Interscience Publishers, 1965.

FAO/WHO Expert Group. Requirements of Ascorbic Acid, Vitamin D, Vitamin B₁₂, Folate, and Iron. World Health Organization Technical Report Series No. 542. Geneva : WHO, 1970.

Free, M. Methods of Vitamin Assay. 3rd ed. New York : John Wiley & Sons, 1966.

Ghitis, J. "The Labile Folate of Milk". American Journal of Clinical Nutrition 18(June 1966) : 452-457.

Ghitis, J. and Tripathy, K. "Availability of Milk Folate : Studies with Cow's Milk in Experimental Folic Acid Deficiency". Ibid. 23(February 1970) : 141-146.

Grossowicz, V.; Rachmilewitz, M. and Izak, G. "Absorption of Pteroylglutamate and Dietary Folates in Man". Ibid. 25(November 1972) : 1135-1139.

Herbert, V. "The Assay and Nature of Folic Acid Activity in Human Serum". The Journal of Clinical Investigation 40(January 1961) : 81-91.

Herbert, V. "Minimal Daily Adult Folate Requirement". Archives of Internal Medicine 110(November 1962) : 649-652.

Herbert, V. "A Palatable Diet for Producing Experimental Folate Deficiency in Man". The American Journal of Clinical Nutrition 12(January 1963) : 17-20.

Herbert, V. "Aseptic Addition Method for Lactobacillus casei Assay of Folate Activity in Human Serum". Journal of Clinical Pathology 19(January 1966) : 12-16.

Herbert, V. "Nutritional Requirements for Vitamin B₁₂ and Folic Acid". The American Journal of Clinical Nutrition 21 (July 1968) : 743-752.

Herbert, V. "Folic Acid and Vitamin B₁₂". In Modern Nutrition in Health and Disease : Dietotherapy, 5th ed., pp. 221-242.

- Edited by R.S. Goodhart and M.E. Shils. Philadelphia : Lea and Febiger, 1973(a).
- Herbert, V. "The Five Possible Causes of All Nutrient Deficiency : Illustrated by Deficiencies of Vitamin B₁₂ and Folic Acid". The American Journal of Clinical Nutrition 26 (January 1973 b) : 77-88.
- Herbert, V. "Drugs Effective in Megaloblastic Anemias". In The Pharmacological Basis of Therapeutics, 5th ed., pp. 1324-1349. Edited by Goodman, L.S. and Gilman, A., New York : Macmillan Publishing Co., 1975.
- Herbert, V., and Das, K.C. "The Role of Vitamin B₁₂ and Folic Acid in Hemato-and Other Cell-Poiesis". In Vitamins and Hormones Vol. 34, pp. 1-30. Edited by Munson, P.L., et al. New York : Academic Press, 1976.
- Hodson, A.Z. "The Microbiological Assay of Folic Acid as Applied to Milk". The Journal of Nutrition 38 (May 1949) : 25-40.
- Hoffbrand, A.V. "Folate Deficiency in Premature Infants". Archives of Disease in Childhood 45 (August 1970) : 441-444.
- Hurdle, A.D.F.; Barton, D. and Searles, I.H. "A Method for Measuring Folate in Food and Its Application to a Hospital Diet". The American Journal of Clinical Nutrition 21 (October 1968) : 1202-1207.
- IUPAC-IUB Commission on Biochemical Nomenclature Tentative Rules "Nomenclature and Symbols for Folic Acid and Related Compounds". The Journal of Biological Chemistry 241 (July 1966) : 2991-2992.

Jathar, V.S.; Kamath, S.A.; Parikh, M.N.; Rege, D.V., and Satoskar, R.S. "Maternal Milk and Serum Vitamin B₁₂, Folic Acid and Protein Levels in Indian Subjects". Archives of Disease in Childhood 45(April 1970) : 236-241.

Jolly, H. Disease of Children. 3rd ed. Oxford : Blackwell Scientific Publications, 1974.

Lampert, L.M. Modern Dairy Products. 3rd ed. New York : Chemical Publishing Co., 1975.

Luhby, A.L., and Cooperman, J.M. "Folic Acid Content of Milk and Milk Substitutes". Pediatrics 32(September 1963) : 463-464.

Matoth, Y.; Pinkas, A.; Zamir, R.; Mooallem, F., and Grossowicz, N. "Studies on Folic Acid in Infancy. I Blood Levels of Folic and Folinic Acid in Healthy Infants". Ibid. 33(May 1964b) : 507-511.

Matoth, Y.; Zamir, R.; Bar-Shani, S., and Grossowicz, N. "Studies on Folic Acid in Infancy. II Folic and Folinic Acid Blood Levels in Infants with Diarrhea, Malnutrition, and Infection". Ibid. 33(May 1964a) : 694-699.

Matoth, Y.; Pinkas, A. and Sroka, Ch. "Studies on Folic Acid in Infancy. III Folates in Breast Fed Infants and Their Mothers". American Journal of Clinical Nutrition 61(April 1965) : 356-359.

Miller, D.R., "Serum Folate Deficiency in Children Receiving Anti-convulsant Therapy". Pediatrics 41(March 1968) : 630-635.

Mitchell, H.K. "The Concentration of "Folic Acid". The Journal of The American Chemical Society 63(August 1941) : 2284.

Mitchell, H.K. ; Snell, E.E. and Williams, R.J. "Folic Acid I. Concentration from Spinach". Ibid. 66(February 1944) : 267-268.

Mitchell, H.K., and Williams, R.J. "Folic Acid III. Chemical and Physiological Properties". Ibid. 66(February 1944) : 271-274.

Mitchell, H.S.; Rynbergen, H.J., Anderson, L., and Dibble, M.V. Nutrition in Health and Disease. 16th ed. New York : J.B. Lippincott Co., 1976.

Mowat, J.H.; Boothe, J.H.; Hutchings, B.L.; Stokstad, E.L.R.; Waller, C.W.; Angier, R.B.; Semb, J.; Cosulich, D.B., and SubbaRow, Y. "The Structure of The Liver Lactobacillus casei Factor". The Journal of the American Chemical Society 70(January 1948) : 14-18.

Naiman, J.L., and Oski, F.A. "Folic Acid Content of Cow's Milk". Pediatrics 32(September 1963) : 462-464.

Naiman, J.L., and Oski, F.A. "The Folic Acid Content of Milk : Revised Figures Based on an Improved Assay Method". Ibid 34(August 1964) : 274-276.

O'Briin, J.D.; Temperley, I.J.; Brown, J.P., and Scott, J.M. "Nutritional Stability of Various Naturally Occuring Monoglutamate Derivatives of Folic Acid". The American Journal of Clinical Nutrition 18(May 1975) : 438-444.

Osol, A., and Hoover, J.E. Remington's Pharmaceutical Sciences. 15th ed. Pennsylvania : Mack Publishing Co., 1975.

Pfiffner, J.J. "On the Peptide Nature of Vitamin Bc Conjugate From Yeast". Journal of the American Chemical Society 68(July 1946) : 1392.

Ramasastri, B.V. "Folate Activity in Human Milk". The British Journal of Nutrition 19(-1965) : 581-586.

Stokstad, E.L.R., and Koch, J. "Folic Acid Metabolism". Physiological Reviews 47(January 1967) : 83-116.

Sullivan, L.W. ; Luhby, A.L. and Streiff, R.R. "Studies of the Daily Requirement for Folic Acid in Infants and the Etiology of Folate Deficiency in Goat's Milk Megaloblastic Anemia". The American Journal of Clinical Nutrition 18(June 1966) : 311.

Sunthorntham, S. "Determination of Folic Acid Content in Some Thai Foods". Master's thesis, Department of Food Chemistry, Graduate School, Chulalongkorn University, 1977.

Tamura, T.; Shin, Y.S.; Williams, M.A., and Stokstad, E.L.R. "Lactobacillus casei Response to Pteroylpolyglutamates". Analytical Biochemistry 49(October 1972) : 517-521.

Velez, H.; Ghitis, J.; Pradilla, A., and Vitale, J.J. "Cali-Harvard Nutrition Project : I Megaloblastic Anemia in Kwashiorkor". American Journal of Clinical Nutrition 12 (January 1963) : 54-65.

Vongyutitham, M. "Determination of Folic Acid Binding Proteins in Milk and Serum". Master's thesis, Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, 1977.

Willoughby, M.I.N., and Jewell, F.J. "Investigation of Folic Acid Requirements in Pregnancy" British Medical Journal 2 (December 1966) : 1568-1571.

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