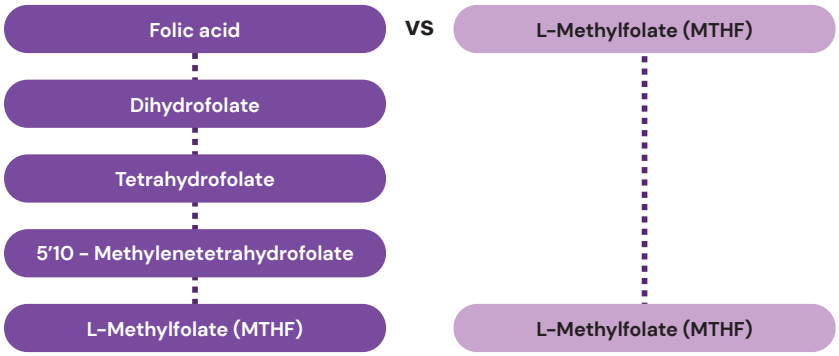
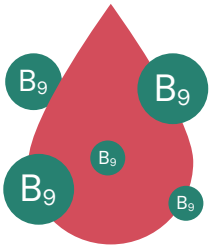
Giving moms and babies a healthy start with Calcium L-Methylfolate (Metafolin®)

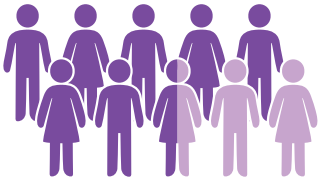
Folate (vitamin B9) is an **essential vitamin**, used by the human body to make **new cells and tissues. Folic acid** is the form of folate usually **found in supplements** and **fortified foods** and it needs to be converted by the body to its active form, L-Methylfolate (MTHF).



Metafolin® increases plasma folate more effectively than folic acid.[1]

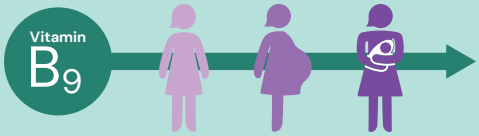


Up to 75% of people in the world may **not be able to convert folic acid.**[2]



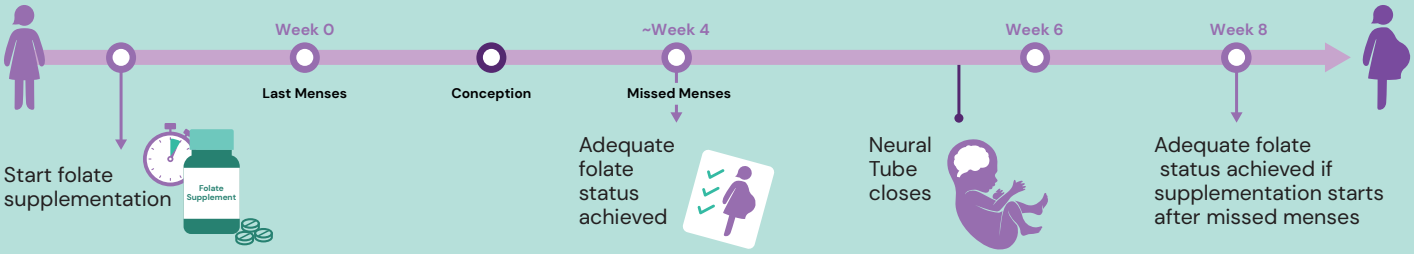
Metafolin® supports healthy pregnancies

Folate is an **essential vitamin** for **women of reproductive age.**



Folate needs increase during pregnancy and lactation and deficiency can result in:

Women of childbearing age should **ensure adequate folate levels at least 4 weeks before conception.**



Metafolin®, a good source of folate for everyone.

We provide mothers with peace of mind by offering nutritional solutions that they can trust.
Visit PartnerwithDSM.com to get started.

*** Metafolin® is a registered trademark of Merck KGaA, Darmstadt, Germany** **1.** Henderson et al. 2018 The Journal of Nutrition **2.** De Mattia, E., & Toffoli, G. (2009). C677T and A1298C MTHFR polymorphisms, a challenge for antifolate and fluoropyrimidine-based therapy personalisation. European Journal of Cancer, 45(8), 1333-1351. **3.** Yuan HF, Zhao K, Zang Y, Liu CY, Hu ZY, Wei JJ, Zhou T, Li Y, Zhang HP. Effect of folate deficiency on promoter methylation and gene expression of Esr1, Cav1, and Elavl1, and its influence on spermatogenesis. Oncotarget. 2017 Apr 11;8(15):24130-24141. doi: 10.18632/oncotarget.15731. PMID: 28445960; PMCID: PMC5421833. **4.** Ebisch IM, Thomas CM, Peters WH, Braat DD, Steegers-Theunissen RP. The importance of folate, zinc and antioxidants in the pathogenesis and prevention of subfertility. Hum Reprod Update. 2007 Mar-Apr;13(2):163-74. doi: 10.1093/humupd/dml054. Epub 2006 Nov 11. PMID: 17099205. **5.** Xiuwei Wang, Jialu Yu and Jianhua Wang. Neural Tube Defects and Folate Deficiency: Is DNA Repair Defective? Int. J. Mol. Sci. 2023, 24, 2220. https://doi.org/10.3390/ijms24032220. **6.** Li B, Zhang X, Peng X, Zhang S, Wang X, Zhu C. Folic Acid and Risk of Preterm Birth: A Meta-Analysis. Front Neurosci. 2019 Nov 28;13:1284. doi: 10.3389/fnins.2019.01284. PMID: 31849592; PMCID: PMC6892975.

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