

Palm Vitamin E Isomer Kit

(For HPLC Vitamin E Calibration)

World 1st Full Palm VE Analytical Kit
Free Sample



The Palm Vitamin E Isomer Kit in *n*-Heptane (ready-for-use)

- 1500 ppm d-alpha-tocopherol (d- α -TP)
- 1500 ppm d-alpha-tocomonoenol (d- α -T1)
- 1500 ppm d-alpha-tocotrienol (d- α -T3)
- 1500 ppm d-beta-tocotrienol (d- β -T3)
- 1500 ppm d-gamma-tocotrienol (d- γ -T3)
- 1500 ppm d-delta-tocotrienol (d- δ -T3)

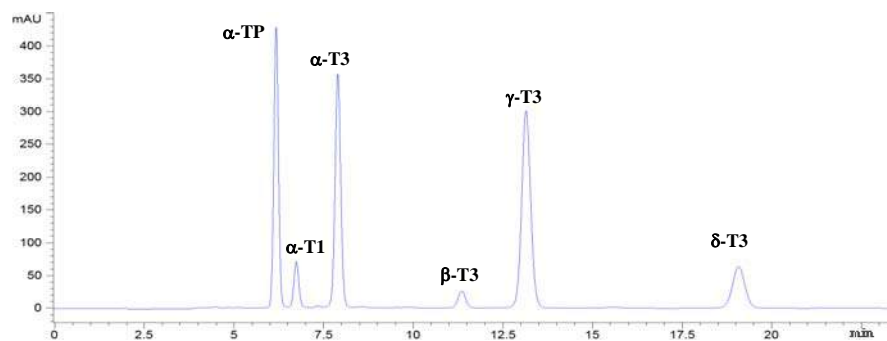


Figure 1. Separation of palm vitamin E 92% (DVL92) by normal-phase HPLC system using *n*-heptane/ethyl acetate (93/7, v/v) as mobile phases.

Please visit our 101st AOCS Annual Meeting and Expo Presentations and Booth in Phoenix, Arizona on May 16-19, 2010

Oral Presentations

1. Comprehensive Quantitation of Palm Vitamin E Constituents by High Performance Liquid Chromatography (Session: ANA 1; May 17, 10am)
2. Gamma-Tocotrienol as an Effective Agent in Targeting Prostate Cancer Stem Cell-like Populations for Cancer Prevention (Session: H&N 4; May 19, 11:20am)

Booth

Booth 511: Malaysian Palm Oil Board

References

1. N Zaiden, WN Yap, S Ong, CH Xu, VH Teo, CP Chang, XW Zhang, K. Nesaretnam, S Shunichi, YL Yap Gamma Delta Tocotrienols Reduce Hepatic Triglycerides Synthesis and VLDL Secretion. *Journal of Atherosclerosis and Thrombosis* (in press)
2. WN Yap, N Zaiden, YL Tan, CP Ngho, XW Zhang, YC Wong, MT Ling, YL Yap In vivo evidence of gamma-tocotrienol as a chemosensitizer in the treatment of hormone refractory prostate cancer. *Pharmacology*. 2010;85(4):248-58
3. WN Yap, N.Zaiden, YL Tan, PN Chang, XW Zhang, Y.C Wong, M.T. Ling, and YL Yap. Id1, inhibitor of differentiation, is a key protein mediating anti-tumor responses of gamma-tocotrienol in breast cancer cells. *Cancer Lett* Nov 2009.
4. Yap WN, Chang PN, DTW Lee, Ling MT, Wong YC, Yap YL. Evidence of γ -tocotrienol as an apoptosis-inducing, invasion-suppressing and chemotherapy drug-sensitizing agent in human melanoma cells. *Nutr Cancer* 2009;61(3):1-10
5. WN Yap, PN Chang, HY Han, TW Lee, MT Ling, YC Wong, and YL Yap. γ -Tocotrienol suppresses prostate cancer cell proliferation and invasion through multiple-signalling pathways. *Br J Cancer* 2008; 99(11): 1832-41.



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