

Anti-Emetic Activity of Some Aromatic Medicinal Plants

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Anti-emetic activity of four aromatic medicinal plants (*Curcuma caesia* Roxb., *Piper longum* Linn., *Piper nigrum* Linn., and *Syzygium aromaticum* (Linn.) Merr. & Perry) was studied in chicks. The ethanol extracts of these plants were administered at 150 mg/kg BW orally. All the extracts showed significant ($P < 0.05$) decrease in retches induced by copper sulphate pentahydrate given orally at 50 mg/kg BW. Domperidone was given at 100 mg/kg as a reference drug.

References:

1. P. N. Ravindran, K. Nirmal Babu, and K. Sivaraman, *Turmeric: The Genus Curcuma*, CRC Press Taylor & Francis Group, LLC, 2007, p.p. 74.
2. V.S. Parmar, S.C. Jain, K.S. Bist, R. Jain, P. Taneja, A. Jha, O.D. Tyagi, A.K. Prasad, J. Wegel, C.E. Olsen and P.M. Boll, *Phytochem.*, 1997, 46, 597.
3. M. A. Nirmala and K. P. Padmakumari., *J. Essen. Oil Res.*, 2005, 17, 206.
4. Y. Yang, K. Kinoshita, K. Koyania, K. Takahashi, T. Tai, Y. Nuroura and K. Watanabe, *Phytomed.*, 1999, 6, 89.
5. H. Hossein, M. Mashallah and G. Akbar, *Irn. J. Pharm. Sci.*, 2005, 1, 21.