

P-105 The occurrence of Non-coliform bacteria on VRBA

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On Violet Red Bile Agar(VRBA), not only coliform bacteria but also non-coliform bacterial colonies are often formed and tend to be counted as coliforms. The occurrence of this kind of colonies sometimes brings about a serious problem, because the related food manufacturers may have large disadvantages in case the coliform count is positive. LTLT(Low Temperature Long Time) pasteurized fresh market milks collected in Korea were inoculated and incubated at 32°C for 24hrs. A total of 187 colonies were isolated from 41 positive plates on VRBA. 53.5%(100) of colonies isolated were identified as coliforms and 46.5%(87) as non-coliforms.