

## **Detection of Escherichia coli O157:H7 in the beef marketed in Malaysia**

### **ABSTRACT**

Twelve strains of Escherichia coli O157:H7 were isolated from 9 of 25 beef samples purchased from retail stores in Malaysia. These strains produced Shiga toxin 2 with or without Shiga toxin 1 and had the eae gene and a 60- MDa plasmid. The antibiograms and the profiles of the arbitrarily primed PCR of the strains were diverse, suggesting that the strains may have originated from diverse sources.

**Keyword:** Escherichia coli O157:H7; Beef; Malaysia