Serovars of Erysipelothrix species isolated from the tonsils of healthy cattle in Japan


Abstract:

Serovars of 79 Erysipelothrix isolates recovered from the tonsils of healthy slaughtered cattle over a 1-year period in Japan were determined by an agar double-diffusion precipitation system using typing sera representing all the known serovars, 1 through 23 and type N, of Erysipelothrix. A total of 43 out of the 79 Erysipelothrix isolates could be classified into nine serovars but the remaining 36 isolates were untypable. Of 42 isolates identified as Erysipelothrix rhusiopathiae, 4, 6, 2, 3, 1, 12, 13 and 1 isolates belonged to serovars 1b, 2, 5, 9, 12, 13, 19 and 21, respectively. One isolate belonged to Erysipelothrix tonsilarum serovar 3.

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