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A STUDY OF ATYPICAL YERSINIA STRAINS ISOLATED FROM MOSELLE RIVER

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Abstract:

Biotypes, serotypes and lysotypes of 38 Yersinia isolated from 48 water samples were studied. These strains belonged to Y.enterocolitica, Y.frederiksenii, Y.kristensenii and Y. intermedia. Except 23.7% of non-serotypable strains, ten different serotypes were isolated of which 0:6 and 0:10 kl were the most frequent. The serotypes 0:3, 0:8, 0:9 responsible for almost all registered cases of yersiniosis in man were not detected. However, a few types 0:5, 0:6, 0:10 kl isolated rarely from specimens (urine of feces) of patients were found. These serotypes can be used for correlation with Yersinia and yersiniosis in man.

Keywords:

Atypical Yersinia , serotypes , Moselle river

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