

Mäkitaipale J, Laukkanen R, Korkeala H. *Yersinia enterocolitica* and *Yersinia pseudotuberculosis* in small mammals – review. Finnish Veterinary Journal 2007;6.

TABLE 1

*Yersinia enterocolitica* in small mammals

Country	Species	Sample			Pathogenicity of the strains	Reference
		Source	Number			
			Examined	Positive (%)		
Great Britain	Mouse <sup>a</sup>	Faecal and intestinal samples	297	9 (3)	Apathogenic	17
Great Britain	Rat <sup>b</sup>	Faecal and tissue samples Tongue, gastrointestinal tract, rectal contents, mesenteric lymph nodes	44	5 (11)	Not examined	30
Japan	Mouse <sup>c</sup>	Tongue, gastrointestinal tract, rectal contents, mesenteric lymph nodes	1530	761 (50)	Apathogenic	5
Japan	Vole <sup>d</sup>	Tongue, gastrointestinal tract, rectal contents, mesenteric lymph nodes	174	99 (57)	Apathogenic	5
Japan	Mouse, vole <sup>e</sup>	Rectal contents	193	62 (32)	5% of strains pathogenic	28
Japan	Mouse, shrew <sup>f</sup>	Ileum and caecum contents	493	15 (3)	Not examined	31
China	Rat	Rectal contents	118	3 (3)	Possibly pathogenic	32
Norway Sweden, Finland	Mouse, vole <sup>g</sup>	Faeces	154	12 (8)	Not examined	11
Norway	Shrew <sup>h</sup>	Faeces	30	5 (17)	Not examined	10
Norway	Vole, lemming, mouse <sup>i</sup>	Faeces	256	25 (10)	Not examined	10
France	Rat <sup>j</sup>	-	91	26 (29) <sup>k</sup>	Not examined	33
France	Mouse, vole, shrew <sup>l</sup>	Spleen, ileum and caecum samples	1891	163 (9)	Apathogenic	9
Denmark	Vole, lemming, mouse <sup>i</sup>	Spleen, ileum and caecum samples	49	6 (12)	Not examined	10

<sup>a</sup> *M. musculus domesticus*

<sup>b</sup> *R. norvegicus*

<sup>c</sup> *A. speciosus*, *A. argenteus* ja *E. smithi smithi*

<sup>d</sup> *U. talpoides*

<sup>e</sup> *A. speciosus*, *A. argenteus*, *E. andersoni*

<sup>f</sup> *A. speciosus*, *A. argenteus*, *C. rufocanus bedfordiae*, *C. rutilus*, *S. unguiculatus*

<sup>g</sup> *C. glareolus*, *C. rutilus*, *M. agrestis*, *M. oeconomus*, *A. sylvaticus*

<sup>h</sup> *S. araneus*, *S. minutes*

<sup>i</sup> *C. glareolus*, *A. sylvaticus*, *A. flavicollis*, *M. agrestis*, *A. terrestris*, *L. lemmus*

<sup>j</sup> *R. norvegicus*.

<sup>k</sup> *Y. enterocolitica* ja *Y. frederiksenii* yhteensä

<sup>l</sup> *M. arvalis*, *M. agrestis*, *M. minutes*, *P. subterraneus*, *C. glareolus*, *A. sylvaticus*, *M. musculus*, *E.*, *Sorex sp.*, *Crocodyra sp. quercinus*

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TABLE 2

*Yersinia pseudotuberculosis* in small mammals

Country	Species	Sample			Pathogenicity of the strains	Reference
		Source	Number			
			Examined	Positive (%)		
Australia	Rat <sup>a</sup>	Liver, ileum, faeces	35	3 (9)	Not examined	34
Australia	Mouse <sup>b</sup>	Liver, ileum, faeces	55	3 (6)	Not examined	34
Great Britain	Mouse <sup>b</sup>	Faecal and intestinal samples	297	1 (0,3)	Not examined	17
Japan	Mouse <sup>c</sup>	Faecal and intestinal samples	1530	44 (3)	23 % of strains pathogenic	5
Japan	Vole <sup>d</sup>	Faecal and intestinal samples	174	26 (15)	Apathogenic	5
Japan	Rat <sup>e</sup>	Gastrointestinal tract, spleen, liver, kidneys, mesenterial lymph nodes	270	8 (3)	Not examined	6
Japan	Mouse, shrew <sup>f</sup>	Gastrointestinal tract, spleen, liver, kidneys, mesenterial lymph nodes	493	1 (0,2)	Not examined	31
Norway	Vole <sup>g</sup>	Faeces	49	3 (6)	Not examined	10

<sup>a</sup> *R. norvegicus*

<sup>b</sup> *M. musculus domesticus*

<sup>c</sup> *A. speciosus*, *A. argenteus* ja *E. smithi smithi*

<sup>d</sup> *U. talpoides*

<sup>e</sup> *R. rattus*, *R. norvegicus*

<sup>f</sup> *A. speciosus*, *A. argenteus*, *C. rufocanus bedfordiae*, *C. rutilus*, *S. unguiculatus*

<sup>g</sup> *C. glareolus*