

Salmonella enterica* subsp. *diarizonae

**iz kliničkog materijala jazavca, *Meles meles*, iz Bosne i Hercegovine:
fenotipska i molekularna karakterizacija**



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PI Veterinary Institute of the Republic of Srpska "Dr. Vaso Butozan" Banja Luka

1. Na jetri jazavca nije bilo mrfološki uočljivih lezija;
2. Izolacija i identifikacija *Salmonella* sp; ISO 17025
OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals
3. Real-Time PCR za detekciju *Salmonella* sp. pozitivan;
4. API 20 E: *Salmonella enterica* subsp. *arizona?* ;
5. Serološka tipizacija nepotpuna;



Meles meles



„road kills“ Manajča (N 44°41'1.91"; E 17°05'1.75")

OIE and Italian Reference Laboratory for Salmonella,
Istituto Zooprofilattico Sperimentale delle Venezie, Legnaro (PD), ITALY

1. Biohemiska ispitivanja:

- **ONPG +**
- Dulcitol –
- Malonate +
- Salicine –
- Sorbitol +
- **Lactose** (the first time – thus subspecies **arizonae**) and (the second time + thus subspecies **diarizonae**)

2. Identifikacija somatskih i flagelarnih antigena:

***Aglutinacijski test: 17:z10:-*

(the second flagellar antigen, if present, is not expressed).



***S. diarizonae* 17:z₁₀:e,n,x,z₁₅**

3. Sekvencioniranje cijelog genoma (WGS) Illumina platform, NextSeq:

SpeciesFinder, KmerFinder





S. diarizonae 17:z10:e,n,x,z15.



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Salmonella enterica subsp. diarizonae serovar 17:z10:e,n,x,z15

Salmonella enterica subsp. **diarizonae** serovar **17:z10:e,n,x,z15**. Taxonomy ID: 2577237 (for references in articles please use NCBI:txid2577237). current name.

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Taxonomy browser (Salmonella enterica subsp. diarizonae)

... subsp. **diarizonae** serovar 11:k:z53 · Salmonella enterica subsp. **diarizonae** serovar 16:z10:e,n,x,z15 · Salmonella enterica subsp. **diarizonae** serovar 17:z10:e ...

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antigenic formulae of the salmonella serovars - Institut Pasteur

by PAD Grimont - Cited by 1597 - Related articles

arizonae, **S. enterica** subsp. **diarizonae**, **S. enterica** subsp. houtenae and **S. enterica** subsp. indica. ... Factor **z17** never occurs with **e,n,x,z15** (which is in fact, **e,n ... z10**. 1,6. Albert. 4,12 **z10 e,n,x**. Tokoin. 4,12 **z10 e,n,z15**. Mura. 1,4,12 **z10** l,w.

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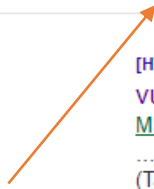
by S Issenhuth-Jeanjean - 2014 - Cited by 180 - Related articles

Mar 12, 2019 - **17**. * Corresponding author. 18. WHO Collaborating Centre for Reference and Research on arizonae: two to subspecies **diarizonae** and three to subspecies houtenae

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[HTML] Isolation and identification of **Salmonella** spp. from red foxes (*Vulpes vulpes*) and badgers (**Meles meles**) in northern Italy
 M Chiari, N Ferrari, D Giardiello... - Acta veterinaria ..., 2014 - actavetscand.biomedcentral.com
 ... **diarizonae** (1 strain, 1 serovars) and **S. enterica subsp. houtenae** (1 strain, 2 serovars) (Table 2). In particular, **S. Typhimurium**, which is often involved in cases of human **salmonellosis** [17], was identified in nine animals. Table 2 **Salmonella** spp ...
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[HTML] biomedcentral.com

Prevalence and antimicrobial susceptibility of **Salmonella** in European wild boar (*Sus scrofa*); Latium Region–Italy
 T Zottola, S Montagnaro, C Magnapera, S Sasso... - ... and Infectious Diseases, 2013 - Elsevier
 ... [16] reported a case of **salmonellosis** caused by ... 4,5,12:1:- possessed an ASSuT profile with additional resistance to SXT, and one **S. Typhimurium** isolate possessed a Cef, Ctx, **S**, Su profile. Table 5. Occurrence of antimicrobial drug resistance profiles in 54 **Salmonella** spp ...
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[PDF] **Salmonella** spp. and antibiotic-resistant strains in wild mammals and birds in north-western Italy from 2002 to 2010
 ..., FV Navillod, L Domenis, R Orusa, E Pepe, S Robetto... - Vet Ital, 2013 - researchgate.net
 ... **arizonae** (n=5), **S. enterica subsp** ... of **S. Typhimurium** isolated from different animal species and there is no evidence of **salmonellosis** outbreaks in ... Nonetheless, some serotypes of **Salmonella** (**S. Infantis**, **S. Kottbus**, **S. Livingstone**, **S. Veneziana**) were detected in different food ...
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[CITATION] Comparative Immunology, Microbiology and Infectious Diseases
 T Zottola, S Montagnaro, C Magnapera, S Sasso... - ... , Microbiology and Infectious ..., 2013
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Cattle-derived **Salmonella enterica** serovar Dublin Infections in Red Foxes (*Vulpes vulpes*) in Tyrol, Austria
 W Glawischnig, J Lazar, A Wallner... - Journal of wildlife ..., 2017 - Wildlife Dis Assoc
 ... 2003. [Occurrence of **Salmonella enterica** serovar Dublin in Austria] ... Glawischnig W, Khaschabi D, Schöpf K, Schönbauer M. 2000. [An outbreak of **Salmonella** Dublin in chamois (*Rupicapra rupicapra*)] ... Gloor S, Bontadina F, Hegglin D, Deplazes P, Breitenmoser U. 2001 ...
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ROD *Salmonella* sastoji se od dve vrste,

S. enterica

S. bongori.

S. enterica дијели се на шест подврста:

enterica (I),

salamae (II),

arizonae (IIIa),

diarizonae (IIIb),

houtenae (IV),

indica (VI)

S. enterica diarizonae 17:z₁₀:e,n,x,z₁₅.



HVALA za pažnju

