



[The screening and restriction analysis of the plasmid DNA of *Salmonella enteritidis* strains].

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Abstract: The screening and restriction analysis of plasmid DNA of 36 *S. enteritidis* strains, isolated in Moscow and Novomoskovsk (Tula Province) at the periods of outbreaks and sporadic diseases, have been made. The possibility of using plasmid screening as an additional method for the differentiation of *S. enteritidis* strains belonging to different sources of infection has been shown. The restriction analysis has confirmed the conservative character of the nucleotide sequence of the virulence plasmid with a molecular weight of 38 MD, which makes it difficult to use this method for epidemiological purposes.

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