

a 2012 0080

The invention relates to medicine, in particular to a method for diagnosis of infections caused by enterobacteria producers of beta-lactamases.

Summary of the invention consists in that it is carried out the screening by multiplex method of chain polymerase reaction using the reference strains *E.coli* profile ESBL CTX-M-1 from the phylogenetic group A, *E.coli* profile ESBL CTX-M-3 from the phylogenetic group A, *E.coli* profile ESBL CTX-M-3 from the phylogenetic group B2, *E.coli* profile ESBL CTX-M-14 from the phylogenetic group A, *E.coli* profile ESBL CTX-M-14 from the phylogenetic group B2, *E.coli* profile ESBL CTX-M-14 from the phylogenetic group D, *E.coli* profile ESBL CTX-M-15 from the phylogenetic group A, *E.coli* profile ESBL CTX-M-15 from the phylogenetic group B2, *E.coli* profile ESBL CTX-M-15 from the phylogenetic group D, and in the case of determining new strains is carried out the sequencing method to determine the infectious agent and its inclusion in the list of reference strains.

Claims: 1