

The current **EHEC O104:H4** , causing a severe outbreak in germany (May 2011), is microbiologically characterized as follows (1) (27.5.2011) :

- stx 1: -
- stx 2: +
- Intimin (eae): -
- Enterohemolysin: -

Ampicillin	R
Amoxicillin/Clavulanic acid	R
Piperacillin/Sulbactam	R
Piperacillin/Tazobactam	R*
Cefuroxim	R
Cefuroxim-Axetil	R
Cefoxitin	R
Cefotaxim	R
Cefazidim	R
Cefpodoxim	R
Imipenem	S
Meropenem	S
Amikacin	S
Gentamicin	S
Kanamycin	S
Tobramycin	S
Streptomycin	R
Nalidixinsäure	R
Ciprofloxacin	S
Norfloxacin	S
Tetracyclin	R
Nitrofurantoin	S
Trimethoprim/Sulfamethoxazol	R
Chloramphenicol	S

* defined as resistant (AES VITEK)

ESBL: + (CTX-M (Group 1))

Other β -Lactamases: TEM-Type +

- ST6781 (adk 6, fumC6, gyrB 5, icd 136, mdh 9, purA 7, recA 7) (2).