

Caenorhabditis elegans screening assay in microbiology

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SCOPE OF THE METHOD

Alternative method relates to	Human health
Alternative method is situated in	Basic Research, Education and training, Translational - Applied Research
Type of alternative method	In vivo
This method makes use of	Animal derived cells / tissues / organs
Used species	Caenorhabditis elegans

DESCRIPTION

Method keywords

microbiology

infection

antibiotics

virulence

biofilm

Scientific area keywords

microbiology

antibiotics

infection

screening
virulence
biofilm

Method description

The *C. elegans* assay can be used to study the virulence of various microorganisms, and can be used to evaluate the antimicrobial effect of drugs or drug candidates. The two main outcome parameters are (i) survival of *C. elegans* and (ii) microbial load.

Lab equipment

Basic microbiology lab equipment.

Method status

Published in peer reviewed journal

REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

Associated documents

PARTNERS AND COLLABORATIONS

Organisation

Name of the organisation Ghent University

Department Laboratory of Pharmaceutical Microbiology

Country Belgium

Coordinated by



Financed by

