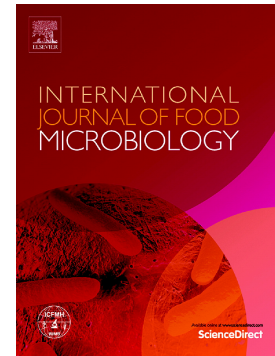


## Accepted Manuscript

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PII: S0168-1605(17)30279-9  
DOI: doi: [10.1016/j.ijfoodmicro.2017.06.011](https://doi.org/10.1016/j.ijfoodmicro.2017.06.011)  
Reference: FOOD 7608

To appear in: *International Journal of Food Microbiology*

Received date: 14 March 2017  
Revised date: 12 June 2017  
Accepted date: 14 June 2017

Please cite this article as: Serena Cavallero, Alessandro Bruno, Enrico Arletti, Monica Caffara, Maria Letizia Fioravanti, Antonella Costa, Gaetano Cammilleri, Stefania Graci, Vincenzo Ferrantelli, Stefano D'Amelio, Validation of a commercial kit aimed to the detection of pathogenic anisakid nematodes in fish products, *International Journal of Food Microbiology* (2017), doi: [10.1016/j.ijfoodmicro.2017.06.011](https://doi.org/10.1016/j.ijfoodmicro.2017.06.011)

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## Validation of a commercial kit aimed to the detection of pathogenic anisakid nematodes in fish products

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### KEYWORDS

*Anisakis*, *Pseudoterranova*, Fishes, Validation, Specificity, LOD, Real-Time PCR

### ABSTRACT

Anisakids are parasitic nematodes responsible for a zoonosis that occurs following the ingestion of fish and fish products infected with larvae belonging to the genera *Anisakis* and *Pseudoterranova*. Rarely *Contracaecum* is found in association with gastric/intestinal illness, while *Hysterothylacium* is commonly considered not pathogenic. Although Real Time PCR assays have been recently used with the aim to detect and quantify these parasites in food products, methods applied did not undergo through extensive validation process, a feature highly desirable or mandatory in the case of testing laboratories accredited for the ISO EN 17025:2005.

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