INTERNATIONAL STANDARD

**ISO 21528-1**

Second edition
2017-06

# Microbiology of the food chain — Horizontal method for the detection and enumeration of *Enterobacteriaceae* —

## Part 1: Detection of *Enterobacteriaceae*

*Microbiologie de la chaîne alimentaire — Méthode horizontale par la recherche et le dénombrement des* Enterobacteriaceae —

*Partie 1: Recherche des* Enterobacteriaceae

Reference number
ISO 21528-1:2017(E)



ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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# Foreword

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This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 275, *Food analysis — Horizontal methods*, in collaboration with ISO Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology,* in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 21528-1:2004), which has been technically revised with the following main changes:

— the MPN method has become an informative Annex A;

— the pre-enrichment step in BPW followed by enrichment in EE broth has been changed to enrichment in BPW[7] and confirmation now takes place in Glucose OF medium instead of using glucose agar;

— performance testing for the quality assurance of the culture media has been added;

— performance characteristics for this method have been added to Annex C.

A list of all the parts in the ISO 21528 series can be found on the ISO website.