

# SLOVENSKI STANDARD

## SIST EN ISO 6888-2:2021

01-december-2021

Nadomešča:

SIST EN ISO 6888-2:1999

SIST EN ISO 6888-2:1999/A1:2003

---

**Mikrobiologija v prehranski verigi - Horizontalna metoda za štetje koagulazno pozitivnih stafilokokov (*Staphylococcus aureus* in drugih vrst) - 2. del: Metoda uporabe agarja z zajčjo plazmo iz fibrinogenov (ISO 6888-2:2021)**

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) - Part 2: Method using rabbit plasma fibrinogen agar medium (ISO 6888-2:2021)

(standards.iteh.ai)

Mikrobiologie der Lebensmittelkette - Horizontales Verfahren für die Zählung von koagulase-positiven Staphylokokken (*Staphylococcus aureus* und andere Spezies) - Teil 2: Verfahren mit Kaninchenplasma/Fibrinogen-Agar (ISO 6888-2:2021)

Microbiologie de la chaîne alimentaire - Méthode horizontale pour le dénombrement des staphylocoques à coagulase positive (*Staphylococcus aureus* et autres espèces) - Partie 2 : Méthode utilisant le milieu gélosé au plasma de lapin et au fibrinogène (ISO 6888-2:2021)

**Ta slovenski standard je istoveten z: EN ISO 6888-2:2021**

---

**ICS:**

07.100.30 Mikrobiologija živil Food microbiology

**SIST EN ISO 6888-2:2021 en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 6888-2:2021](#)

<https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021>

EUROPEAN STANDARD

EN ISO 6888-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2021

ICS 07.100.30

Supersedes EN ISO 6888-2:1999, EN ISO 6888-2:1999/A1:2003

English Version

**Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Method using rabbit plasma fibrinogen agar medium (ISO 6888-2:2021)**

Microbiologie de la chaîne alimentaire - Méthode horizontale pour le dénombrement des staphylocoques à coagulase positive (Staphylococcus aureus et autres espèces) - Partie 2 : Méthode utilisant le milieu gélosé au plasma de lapin et au fibrinogène (ISO 6888-2:2021)

Mikrobiologie der Lebensmittelkette - Horizontales Verfahren für die Zählung von koagulase-positiven Staphylokokken (Staphylococcus aureus und andere Spezies) - Teil 2: Verfahren mit Kaninchenplasma/Fibrinogen-Agar (ISO 6888-2:2021)

**ITeH STANDARD PREVIEW**

This European Standard was approved by CEN on 27 April 2021.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 6888-2:2021](https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021)  
<https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021>

## European foreword

This document (EN ISO 6888-2:2021) has been prepared by Technical Committee ISO/TC 34 "Food products" in collaboration with Technical Committee CEN/TC 463 "Microbiology of the food chain" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2022, and conflicting national standards shall be withdrawn at the latest by March 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 6888-2:1999.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN websites.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

### Endorsement notice

[https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-](https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aecceb/sist-en-iso-6888-2-2021)

[928eb4aecceb/sist-en-iso-6888-2-2021](https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aecceb/sist-en-iso-6888-2-2021)

The text of ISO 6888-2:2021 has been approved by CEN as EN ISO 6888-2:2021 without any modification.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 6888-2:2021](#)

<https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021>

INTERNATIONAL  
STANDARDISO  
6888-2Second edition  
2021-08

---

---

**Microbiology of the food chain —  
Horizontal method for the  
enumeration of coagulase-positive  
staphylococci (*Staphylococcus aureus*  
and other species) —****Part 2:  
Method using rabbit plasma  
fibrinogen agar medium**

SIST EN ISO 6888-2:2021  
<https://standards.iteh.ai/catalog/standards/sist/23601788-d6fd-4299-9d1d-928eb4a6c3b1/sist-en-iso-6888-2-2021>

*Microbiologie de la chaîne alimentaire — Méthode horizontale  
pour le dénombrement des staphylocoques à coagulase positive  
(*Staphylococcus aureus* et autres espèces) —*

*Partie 2: Méthode utilisant le milieu gélosé au plasma de lapin et au  
fibrinogène*

Reference number  
ISO 6888-2:2021(E)

© ISO 2021

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 6888-2:2021](https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021)

<https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland



<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>vi</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>2</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Principle</b> .....	<b>2</b>
4.1 General.....	2
4.2 Incubation.....	2
4.3 Enumeration.....	3
<b>5 Culture media and reagents</b> .....	<b>3</b>
<b>6 Equipment and consumables</b> .....	<b>3</b>
<b>7 Sampling</b> .....	<b>4</b>
<b>8 Preparation of the test sample</b> .....	<b>4</b>
<b>9 Procedure (see <a href="#">Figure A.1</a>)</b> .....	<b>4</b>
9.1 Test portion, initial suspension and dilutions.....	4
9.2 Inoculation and incubation.....	4
9.3 Counting of colonies.....	5
9.3.1 General description of colonies growing on RPFa medium.....	5
9.3.2 Colony counting procedure.....	5
<b>10 Expression of results</b> .....	<b>5</b>
<b>11 Performance characteristics of the method</b> .....	<b>5</b>
11.1 Interlaboratory study.....	5
11.2 Repeatability limit.....	5
11.3 Reproducibility limit.....	6
<b>12 Test report</b> .....	<b>7</b>
<b>13 Quality assurance</b> .....	<b>7</b>
<b>Annex A (normative) Flow diagram of the procedure</b> .....	<b>8</b>
<b>Annex B (normative) Culture media and reagents</b> .....	<b>9</b>
<b>Annex C (informative) Results of the interlaboratory study</b> .....	<b>12</b>
<b>Bibliography</b> .....	<b>14</b>

## ISO 6888-2:2021(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 463, *Microbiology of the food chain*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 6888-2:1999), which has been technically revised. It also incorporates the Amendment ISO 6888-2:1999/Amd 1:2003. The main changes compared with the previous edition are as follows:

- the title has been changed to relate to the “food chain”;
- the status of ISO 6888-1 and this document has been clarified;
- the document has been aligned with ISO 7218:2007, i.e. and pour molten agar medium at 44 °C to 47 °C;
- all occurrences, when appropriate, have been changed from “35 °C or 37 °C” to “34 °C to 38 °C”;
- all occurrences of incubation time, when appropriate, have been changed from “18 h to 24 h” to “24 h ± 2 h”;
- requirements have been added to use ISO 11133;
- all available standards related to sampling techniques have been updated;
- flow diagram procedure in [Annex A](#) has been updated;
- culture media and reagents with performance testing have been added and moved to [Annex B](#);
- performance testing for rabbit plasma fibrinogen agar (RPFA) medium has been added;
- results of the interlaboratory study (from ISO 6888-2:1999/Amd 1:2003 Precision data) have been updated;

— the Bibliography has been updated.

A list of all parts in the ISO 6888 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 6888-2:2021

<https://standards.iteh.ai/catalog/standards/sist/2360f788-d6fd-4299-9d1d-928eb4aeccbb/sist-en-iso-6888-2-2021>