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ICS 11.020
CCS C50

WS

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

WS/T 503-2017

Operating standard for blood culture in clinical microbiology laboratory

临床微生物实验室血培养操作规范

(English Translation)

Issued on: May 25, 2026 **Implemented on: November 1, 2026**

Issued by: National Health Commission

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https://chinastandards.org/standards/ws-t-503-2017

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1 Foreword

WS/T 503-2017 was issued by National Health Commission on 25 May 2026 and has been in force since 1 November 2026.

The WS/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 11 pages in English translation.

2 Scope Preview

This standard specifies technical requirements for the collection and transport of blood culture specimens, laboratory testing, result reporting, and quality assessment and improvement. This standard applies to clinical laboratories in medical institutions conducting blood cultures and related etiological testing for bloodstream infections.

WS/T 503-2017 falls under ICS 11.020, in the field of health care technology.

This catalogue holds 489 other WS/T standards in that field.

In this catalogue, WS/T standards carry edition years from 1996 to 2026.

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3 About this standard

Sector: Health Industry Standard (Recommended)

Issued by: National Health Commission

English translation: about 11 pages (approximate)

Chinese original: about 16,197 characters

4 Related standards

Other editions:

WS/T 503-2026 (later edition)

Standards on related subjects:

GB/T 26368-2020 - Hygienic requirements for iodine disinfectants

GB/T 26367-2020 - Hygienic requirements for biguanides disinfectants

GB/T 20468-2006 - General for internal quality control for quantitative measurements in clinical laboratory

WS/T 498-2026 - Standard for laboratory diagnosis of infectious diarrhea

WS/T 497-2026 - Standard for laboratory diagnosis of invasive fungal disease

5 Classification and status

International classification (ICS): 11.020

Chinese Standard Classification (CCS): C 50

Prefix WS/T: recommended standard.

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