

ICS 11.100
CCS C50

WS

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

WS/T 645.2-2026

Replacing WS/T 645.2-2018

**Reference intervals for common clinical immunological tests - Part 2:
Serum alpha-fetoprotein, carcinoembryonic antigen, carbohydrate
antigen 19-9, carbohydrate antigen 15-3, carbohydrate antigen 125**

临床常用免疫学检验项目参考区间第2部分：血清甲胎蛋白、癌胚抗原、糖链抗原19-9、糖链抗原15-3、糖链抗原125

(English Translation)

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Foreword

WS/T 645.2-2026 is a recommended industry standard of the People's Republic of China in the Health sector, approved and issued by the National Health Commission on 25 May 2026, with effect from 1 November 2026.

This edition replaces WS/T 645.2-2018.

Classification: ICS 11.100; CCS C50.

1 Scope

This part of the WS/T 645 series gives reference intervals for common clinical immunological tests carried out on serum: alpha-fetoprotein, carcinoembryonic antigen, carbohydrate antigen 19-9, carbohydrate antigen 15-3 and carbohydrate antigen 125. Reference intervals are the ranges against which a laboratory result is compared when it is reported and interpreted.

It is used by clinical laboratories, hospitals, in vitro diagnostic manufacturers and physicians who read laboratory reports. The standard is voluntary, as the code carries the /T mark. It was approved by the National Health Commission, issued on 25 May 2026 and takes effect on 1 November 2026. It replaces WS/T 645.2-2018.