

DIN EN ISO 23118:2021-08 (E)

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes in metabolomics in urine, venous blood serum and plasma (ISO 23118:2021)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 General considerations	8
5 Urine	9
5.1 Outside the laboratory	9
5.1.1 Urine collection	9
5.1.2 Transport requirements	10
5.2 Inside the laboratory	10
5.2.1 Specimen reception	10
5.2.2 Storage requirements	11
5.2.3 Urine sample processing	11
5.2.4 Long-term storage requirements for urine samples	11
5.2.5 Urine thawing	11
6 Blood	12
6.1 Outside the laboratory	12
6.1.1 Primary collection	12
6.1.2 Transport of pre-processed specimens to laboratory	13
6.2 Inside the laboratory	13
6.2.1 Specimen reception	13
6.2.2 Sample processing	14
6.2.3 Transport of processed samples to a laboratory for metabolomics analysis or transport to a biobank	14
6.2.4 Long-term storage requirements	14
6.2.5 Serum and plasma thawing and use	15
Annex A (informative) Instability of the metabolome	16
Bibliography	22