

ISO 21572:2013-02 (E)

Foodstuffs - Molecular biomarker analysis - Protein-based methods

Contents	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 General	1
3.2 Terms relating to antibodies	2
3.3 Terms relating to techniques	2
3.4 Terms relating to control	3
3.5 Terms relating to validation	3
4 Principle	6
5 Reagents	6
6 Laboratory equipment	6
7 Sampling	6
8 Procedure	7
8.1 General	7
8.2 Preparation of sample solution	7
8.3 Extraction	7
8.4 Preparation of calibration curves, positive controls and reference materials	7
8.5 Assay procedure	7
9 Interpretation and expression of results	8
9.1 General	8
9.2 Quantitative and semiquantitative analysis	8
9.3 Qualitative analysis	8
10 Specific parameters which may influence results	8
10.1 General	8
10.2 Special considerations	9
10.3 Assay applicability	9
11 Confirmation method	10
12 Test report	10
Annex A (informative) Detection of a protein by ELISA	12
Annex B (informative) Detection of protein(s) by lateral flow devices	22
Bibliography	29