

# ISO/TS 20224-8:2022-10 (E)

## Molecular biomarker analysis - Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR - Part 8: Turkey DNA detection method

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Scientific basis .....	2
5	Reagents and materials .....	2
5.1	General .....	2
5.2	PCR reagents .....	2
6	Apparatus .....	3
7	Procedure .....	3
7.1	Preparation of the test portion/sample .....	3
7.2	Preparation of DNA extracts .....	3
7.3	PCR setup .....	3
7.3.1	Reaction mixes .....	3
7.3.2	PCR controls .....	4
7.3.3	Real-time PCR thermocycler plate set-up .....	4
7.4	Temperature-time programme .....	4
8	Accept/reject criteria .....	4
8.1	General .....	4
8.2	Identification .....	5
9	Validation status and performance criteria .....	5
9.1	General .....	5
9.2	Robustness .....	5
9.3	Reproducibility .....	6
9.4	Sensitivity .....	6
9.5	Specificity .....	9
10	Test report .....	11
Annex A (informative) BlastN +2.12.0 results for query of GenBank RefSeq Genome (refseq_ genomes) and Whole-genome Shotgun Contigs (wgs) .....		12
Bibliography .....		14