



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. 364/2025

Českomoravská společnost chovatelů, a.s.
with registered office Benešovská 123, 252 09 Hradištko
Company Registration No. 26162539

for the Testing Laboratory No. 1312
iGenetics Laboratory

Scope of accreditation:

Analysis of animal DNA using STR technology and SNP microarrays, genetic identification and verification of parentage on the basis of STR and SNP analyses to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 224/2024 of 14/05/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: 14/05/2029

Prague: 15/07/2025



Signed in the Czech original:
Zdeňka Drdová on 15/07/2025

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

**The Appendix is an integral part of
Certificate of Accreditation No: 364/2025 of 15/07/2025**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Českomoravská společnost chovatelů, a.s.
CAB number 1312, iGenetics Laboratory
Benešovská 123, 252 09 Hradištko

The laboratory provides opinions and interpretations of the test results.

Detailed information on activities within the scope of accreditation (determined analytes / source literature) is given in the section „Specification of the scope of accreditation“.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	SNP analysis by DNA microarrays technology	SOP2	Biological material containing genomic DNA	-
2	Fragment analysis of DNA microsatellite polymorphism – STR	SOP3	Biological material containing genomic DNA	-
3	Parentage verification of warm-blooded animals based on DNA microarrays SNP analysis	SOP4	Biological material containing genomic DNA, known animal genotype	-
4	Parentage verification of warm-blooded animals based on STR fragment analysis	SOP5	Biological material containing genomic DNA, known animal genotype (bovine, equine, ovine, caprine)	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

³ the laboratory does not apply a flexible approach to the scope of accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
2	Bovine microsatellites: TGLA227, BM2113, TGLA53, ETH10, SPS115, TGLA126, TGLA122, INRA023, ETH3, ETH225, BM1824, BM1818 Equine microsatellites: VHL20, HTG4, AHT4, HMS7, HTG6, HMS6, HTG7, HMS3, AHT5, ASB2, HTG10, HMS2, HMS1, ASB17, ASB23, LEX3, CA425

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
1	Infinium HTS Assay Reference Guide, Nov. 2019; GenomeStudio® Genotyping Module v2.0 Software Guide, Sept. 2016

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CAB number 1312, iGenetics Laboratory
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Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
2	DNA Fragment Analysis by Capillary Electrophoresis, Publication Number 4474504, Revision B, Revision Date April 2014; StockMarks® Kits for Horses, Cattle, and Dogs Equine, Bovine, and Canine Genotyping Kits, Apr 21, 2014 Thermo Scientific Equine Genotypes Panel 1.1, Technical manual, 2012
3, 4	Rules for conducting ISAG Comparison Tests for Animal DNA testing; Ing. Leona Vychodilová, Ph.D., MVDr. Karla Stejskalová, Ph.D., MVDr. Jana Bubeníková, Mgr. Ján Futas, Ph.D., Mgr. Martin Plášil, Ph.D., Mgr. Eva Jánová, Ph.D., Prof. MVDr, RNDr. Petr Hořín, CSc. (2019): Klinická genetika (VFU Brno, 2019, 163 p.)

Explanations:

DNA	Deoxyribonucleic Acid
SNP	Single Nucleotide Polymorphism
SOP	Standard Operating Procedure
STR	Short Tandem Repeat = microsatellites

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."