To be returned by e-mail to: DNA@icar.org

Annex VII - Simplified renewal form or already ICAR accredited laboratories

Renewal form for the ICAR accreditation for STR microsatellite-based parentage testing and SNP-based genotyping required for parentage analysis

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1. ADDRESS DETAILS (fill out)

Country: .....

Laboratory name: .....

Contact person: .....

Address: .....

Telephone: .....

E-mail: .....

2. BILLING INFORMATION (fill out)

Name: .....

Address .....

VAT Number: .....

Contact person: .....

Email: .....

3. RENEWAL APPLICATION (check box)

a. Microsatellite-based parentage ☐ YES ☐ NO

Year of previous accreditation .....

b. SNP-based genotyping ☐ YES ☐ NO

Year of previous accreditation .....

4. RELEVANT CHANGES IN PROCEDURES & MANAGEMENT

a. Change in head of laboratory ☐ YES ☐ NO

If Yes, please explain: .....

b. Changes in equipment ☐ YES ☐ NO

If Yes, please explain: .....

5. LIST OF EQUIPMENT USED TO GENERATE STR OR SNP GENOTYPES

a. e.g for STR's -Capillary analysers
b. e.g. for SNP's
   - Scanners e.g. iScan, Gene Titans
   - NGS Sequencers, e.g. HiSeq, MiSeq, IonS5 …
   - Any other instrumentation generating genotypes

Type of equipment	Date of purchase

6. CERTIFICATION AND NUMBER OF SAMPLES TESTED

Certification (tick the box and send a copy of the certification, and English translation if necessary, to ICAR Secretariat. Please note that an ISO certification is a minimum requirement for STR's):

☐ ISO17025 certification for SNP-based genotyping

.....

☐ ISO17025 certification for Microsatellite-based parentage

.....

☐ Other or no certification (No need to continue application in this case)

NOTE

1. Please also be aware that from 2021 onwards, for ICAR accreditation of SNP based Parentage Verification the ICAR Parentage Analysis Accreditation for DNA Data Interpretation Centres must be requested.
2. For the complete instructions for applying to the ICAR accreditation, please browse the following page: https://www.icar.org/index.php/certifications/certification-and-accreditation-of-dna-genetic-laboratories/two-new-dna-based-services/dna-data-interpretation-centres/

7. PARTICIPATION AND PERFORMANCE IN ISAG RING TESTS

☐ No ring test participation
☐ ISAG ring test participation for STR
☐ ISAG ring test participation for SNP

Year of the last ISAG ring test for STR: .....
Year of the last ISAG ring test for SNP: .....

In the most recent ISAG ring test the laboratory achieved the following result for the Typing Comparison Test:

☐ Absolute genotyping accuracy rank 1 for STR
☐ Absolute genotyping accuracy rank 2 for STR
☐ Absolute genotyping accuracy rank 3 to 5 for STR
☐ Absolute genotyping accuracy rank 1 for SNP
☐ Absolute genotyping accuracy rank 2 for SNP
☐ Absolute genotyping accuracy rank 3 to 5 for SNP

Please notice:

1. **Provide a copy of your ISAG certificate, when available and describe only the results obtained with the compulsory ISAG recommended markers**

2. **To clarify the meaning of "number of genotypes," a ring test on 20 individuals analysed with 12 microsatellites produces 240 genotypes, for example.**

Number of samples

Number of STR markers.....
Number of correct genotypes for STR's.....
Number of missing genotypes for STR's.....
Number of incorrect genotypes for STR's .....
Number of samples .....
Number of SNP markers .....
Number of correct genotypes for SNP's.....
Number of missing genotypes for SNP's .....
Number of incorrect genotypes for SNP's.....

8. MARKER SET AND NOMENCLATURE

Changes in marker sets (STR) ☐ YES ☐ NO

If Yes, please explain: .....

.....

.....

Changes in nomenclature (STR) ☐ YES ☐ NO

If Yes, please explain: .....

Changes in marker sets (SNP) ☐ YES ☐ NO

If Yes, please explain: .....

Changes in nomenclature (SNP) ☐ YES ☐ NO

If Yes, please explain: .....

Number of animals typed with markers (STR)

Last year: .....

This year (expected): .....

Number of animals typed with markers (SNP)

Last year: .....

This year (expected): .....