



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

Annex VII

2021 renewal form for the ICAR accreditation for STR microsatellite-based parentage testing and SNP-based genotyping required for parentage analysis

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 and 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. DATES OF LAST REVISIONS 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	Date of last revision

6. CERTIFICATION AND NUMBER OF SAMPLES TESTED

- a. 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

.....

ISO9001 certification

.....

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

NOTE

1. Please be aware that from 2022 onwards, for ICAR accreditation to be granted to laboratories carrying out SNP genotyping, ISO17025 accreditation will be a mandatory minimum requirement as per the guidelines.
2. - 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.

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 _____

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 1 for SNP
- Absolute genotyping accuracy rank 2 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 markers

_____ Number of correct genotypes

_____ Number of missing genotypes

_____ Number of incorrect genotypes

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):