

CERTIFICATE OF ACCREDITATION

MACROGEN

Accreditation No. : KT737

Corporation Registration No. : 110111-1423576

Address of Laboratory : 9F, 10F 254 Beotkkot-ro, Geumcheon-gu, Seoul, Korea

date of Initial Accreditation : March 3, 2017

Duration : March 3, 2017 ~ March 2, 2021

Scope of Accreditation : Attached Annex

Date of issue : March 3, 2017

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Jung Dong Hee

Administrator

Korea Laboratory Accreditation Scheme

Korea Laboratory Accreditation Scheme

No. KT737

10. Forensic Science Test

10.004 DNA Profiling

Test method	Standard designation	Test range
MG-QI-14-01:2016	A-STR Genotyping Test - locus: 1. D8S1179, 2. D21S11 3. D7S820, 4. CSF1PO 5. D3S1358, 6. TH01 7. D13S317, 8. D16S539 9. D2S1338, 10. D19S433 11. vWA, 12. TPOX 13. D18S51, 14. Amelogenin 15. D5S818, 16. FGA	Qualitative analysis
MG-QI-14-02:2016	Y-STR Genotyping Test - locus: 1. DYS456, 2. DYS389 I 3. DYS390, 4. DYS389 II 5. DYS458, 6. DYS19 7. DYS385, 8. DYS393 9. DYS391, 10. DYS439 11. DYS635, 12. DYS392 13. Y_GATA_H4, 14. DYS437 15. DYS438, 16. DYS448	Qualitative analysis
MG-QI-14-03:2016	mtDNA Sequence Analysis - hypervariable region: HV1, HV2	Qualitative analysis

End.