



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 640

Legal Name of Accredited Laboratory: Orchid Pro-DNA / Orchid Pro-ADN
Division of/de Dynacare-Gamma
Laboratory Partnership

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SCC File Number:	15809
Provider:	BNQ-EL
Provider File Number:	37995-1
Accreditation Standard(s):	ISO/IEC 17025:2017
Fields of Testing:	Forensic DNA Relationship
Program Specialty Area:	Forensic
Initial Accreditation:	2008-09-08
Most Recent Accreditation:	2020-05-31
Accreditation Valid to:	2024-09-08

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.

Note: This scope of accreditation is also available in French as a separately issued document.



FORENSICS

Forensic Biology / DNA

Description of Activities:

1. Human DNA Identification analysis / Parentage and other familial relationship testing;
2. Examination of test items for the presence of biological material;
3. Nuclear DNA (autosomal STR, Y-STR) analysis of biological samples, including extraction, purification and quantification of human and male DNA, DNA amplification, and the resolution of DNA typing profiles using capillary electrophoresis;
4. Mitochondrial DNA analysis of biological samples, including DNA extraction, DNA amplification, and the resolution of DNA profiles using DNA sequencing;
5. Interpretation of DNA typing results to establish paternity/parentage and other familial relationships, as well as associations between questioned and reference samples.

Techniques for which the laboratory is accredited:

- a. Body fluid examination and identification using immunological procedures
- b. DNA extraction, purification, quantification, Polymerase Chain Reaction (PCR) amplification using - AmpFLSTR® Identifiler® Direct, AmpFLSTR® Yfiler™, and PowerPlex® 21 PCR Amplification Kits, and capillary electrophoresis;
- c. DNA Sequencing
- d. Interpretation of DNA typing profiles (STR, Y-STR, mitochondrial DNA sequence)

Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories

RG-FORENSIC: SCC Requirements and Guidance for the Accreditation for Forensic Testing Laboratories

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
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Publication on: 2020-06-01