

600-55 Metcalfe Street
Ottawa, ON K1P 6L5
Canada

55, rue Metcalfe, bureau 600
Ottawa, ON K1P 6L5
Canada

SCOPE OF ACCREDITATION

**ORCHID PRO-DNA / ORCHID PRO-ADN
DIVISION OF/DE DYNACARE-GAMMA LABORATORY PARTNERSHIP
3885, boulevard Industriel
Laval, QC
H7L 4S3**

Accredited Laboratory No. 640
(Conforms with requirements of ISO/IEC 17025:2005, RG-FORENSIC)

CONTACT: Donna A. Clements
TEL: +1 450 901 3072 #3244
FAX: +1 450 901 3082
EMAIL: clements@orchidprodna.ca
URL: <http://www.orchidprodna.ca>

FIELDS OF TESTING: DNA Relationship, Forensic

PROGRAM SPECIALTY Forensic
AREA:

SCOPE ISSUED ON: 2018-11-03

ACCREDITATION 2020-09-08
VALID TO:

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.

FORENSIC **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 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 17025:2005): General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

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

Elias Rafoul, Vice President
Accreditation Services

Date: 2018-11-03

SCC 1003-15/809
Partner File #37995
Partner: BNQ