

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 Industriel Blvd.
Laval, QC
H7L 4S3**

Accredited Laboratory No. 640
(Conforms with requirements of CAN-P-1578 , CAN-P-4E (ISO/IEC 17025:2005))

CONTACT: +1 800 563 4363 (EN) +1 800 565 4505 (FR) 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

**FORENSICS
DISCIPLINE(S):** Forensic Biology / DNA

**PROGRAM SPECIALTY
AREA:** Forensic

SCOPE ISSUED ON: 2016-10-21

**ACCREDITATION
VALID TO:** 2020-09-08

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) Forensic DNA analysis / Parentage and other familial relationship testing;
- (2) Examination of evidentiary material for the presence of biological material;
- (3) Nuclear STR (autosomal STR, Y-STR) DNA analysis of biological material recovered from evidentiary material, which includes the extraction, purification and quantification of human and male DNA, the amplification of DNA and the resolution of DNA typing profiles using capillary electrophoresis;
- (4) Mitochondrial DNA analysis of biological samples unsuitable for STR DNA typing, which includes DNA extraction, amplification of DNA and the resolution of DNA profiles using DNA sequencing;
- (5) Interpretation of DNA typing results to establish associations between individuals and crime scene samples, as well as paternity/parentage and other relatedness relationships.

Techniques for which laboratory is accredited:

- a. Body fluid examination and identification using immunological procedures
- b. DNA extraction, purification, quantification, Polymerase Chain Reaction (PCR) amplification using - AmpFLSTR® Identifier Plus®, AmpFLSTR® Identifier® 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:

CAN-P-4E (ISO/IEC 17025:2005): General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

CAN-P-1578: Guidelines for the Accreditation of Forensic Testing Laboratories

Chantal Guay, ing., P. Eng.
Vice President, Accreditation
Services

Date: 2016-10-21

Number of Forensic Techniques: 4
SCC 1003-15/809
Partner File #37995
Partner: BNQ