

## DNA SERVICES

**Maxxam is the largest, privately owned, scientific analytical services laboratory in Canada. Since 2000, Maxxam has been an approved supplier for Citizenship and Immigration Canada (CIC) for DNA testing.**

### How DNA Testing Works

### Other Tests Available

### Privacy

Maxxam set precedent in Canada by becoming the first Standards Council of Canada (SCC) accredited DNA laboratory to be approved by Citizenship and Immigration Canada (CIC) to provide DNA analysis for Family Class sponsorships. For over 10 years, Maxxam has been providing accurate, quick and economical DNA testing services to local and overseas immigration applicants, immigration lawyers and consultants and CIC offices throughout the world.

#### Service:

- 5 day turnaround for standard DNA testing results
- Results mailed to all immigration consultants (email if requested)
- Bilingual (French/English) service representatives and reporting
- Competitively priced, all-inclusive service applicable to most countries (including overseas courier fees)

#### Convenience:

- Local specimen collection appointments booked within 24 hours.
- Over 400 specimen collection sites from coast to coast
- Mobile specimen collection services available in several Canadian cities
- Non-invasive buccal (mouth) swab sample collections
- Maxxam representatives directly liaise with overseas Embassies and Consulates

#### Quality:

- Scientists with over 85 years of combined DNA testing expertise
- No legal challenges since our DNA program began in 1998
- Only DNA testing company in Canada to currently hold exclusive, province-wide Government contracts for DNA testing services

# DNA IMMIGRATION TESTING

Success Through Science®



## How DNA Testing Works:

DNA (Deoxyribonucleic Acid) testing examines the genetic material that an individual inherits in equal portions (50% each) from their biological parents. For a paternity or maternity test, samples (buccal/ mouth swabs) would be collected from the child, alleged father and/or alleged mother (pendant on the type of analysis required). If either the tested father or mother matches at 50% of the child's DNA, the tested parent is reported to be the biological parent of that child (typically at a minimum probability of 99.95% and higher). If the tested parent is found not to match at 50% of the child's DNA, the tested parent is reported to be excluded (0% probability) as the biological parent of the child.

## Other Testing Available:

Testing can also be performed in cases that require proof of relatedness. Final results are presented as "statistical probabilities" of the stated relationship based on shared DNA between the individuals being tested.

**Sib-ship Testing:** A test between two or more individuals to determine if they could be full or half siblings.

**Avuncular Testing:** A test to determine the probability that a person is the biological aunt or uncle of a niece or nephew.

**Grand-parentage Testing:** A test to establish a biological relationship between a child and alleged grandparent(s).

## Patrilineage Testing (using Y-STR analysis):

A test used to verify relationships between male biological relatives. It can be useful in cases when the alleged father of a child is missing or unavailable for testing and the amount of DNA sharing with an available uncle, cousin or grandfather is limited.

## Privacy:

Canadians are increasingly aware of the importance of safeguarding personal data and for this reason, are choosing only Canadian based testing laboratories, such as Maxxam.

A benefit to choosing Maxxam is that our testing laboratory and Corporate Office are located in Canada. Therefore, all customer (personal) information will be protected by the strict requirements of the Canadian Privacy Act. This means that the information a customer provides and that is generated by Maxxam (i.e. identification, genetic profiles), will never be released to any government agency without one's prior knowledge or consent.

When dealing with laboratories that send DNA samples to or are in the U.S., all client information is subject to the U.S. Patriot Act, which does allow government agencies to request a customer's personal information be released without one's knowledge or consent.

Maxxam is an analytical services and solutions company that is passionately committed to delivering exceptional science through outstanding service. We set ourselves apart by continually contributing to our customers' success through the application of our knowledge and expertise. We are dedicated to success with responsibility - to our stakeholders, to our communities, and to the environment.

## DNA Services Toll-Free Contact

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