

PRIVATE FORENSIC DNA LABORATORIES



Forensic Biology Casework

Criminal Case Types

The Maxxam Advantage

Maxxam Has The Answers You Need

Partners in Public Safety

The benefits of using an accredited private forensic DNA laboratory are becoming more obvious as the challenges and backlogs faced by public labs continue to grow. Private DNA testing can expedite investigations, reduce police force surveillance and overtime costs, and help exclude suspects faster.

Choosing the right private forensic DNA laboratory as your partner in public safety is essential. True value is derived from working with a scientific team where expertise and experience are paramount.

Forensic Biology Casework

Criminal: Our largest category is comprised of over 350 law enforcement agencies from across Canada. Maxxam offers forensic biology services that are comparable to any public laboratory, providing direct consultation with scientific experts, rapid turnaround times and no restrictive case acceptance policies.

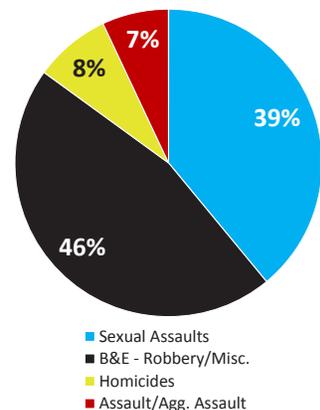
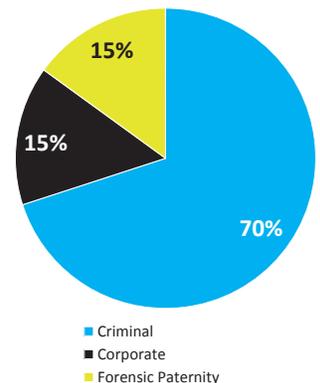
Corporate: Corporations face an increasing number of threats from inside and outside of their companies that may require investigation (e.g., threatening mail, contaminated products, accident investigations and theft). We offer our forensic biology and DNA expertise to these groups, as well as to individuals, as a “tool for risk management.”

Forensic Paternity: This category is largely made up of cases that require the identification of human remains or the determination of biological relationships.

Criminal Case Types

With law enforcement agencies as clients, we process the same casework that any public forensic laboratory routinely accepts. These various case types include; homicides, aggravated & sexual assaults, break & enters and fatal motor vehicle accidents.

Our clients appreciate that our forensic biology and DNA services are not dictated by case acceptance policies but by what their individual needs are. In those rare instances where we are unable to meet those requests, we will endeavour to help you find an alternate provider to ensure your needs are met.



Maxxam is the largest private DNA laboratory in Canada and offers body fluid and DNA analysis for forensic biology, paternity and immigration applications. Since its inception, the forensic DNA laboratory has processed more than 17,000 items derived from more than 5,300 cases.

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Founded over 40 years ago, Maxxam is the market leader in analytical services and solutions to the energy, environmental, food and DNA industries. Maxxam's 2,500 dedicated employees proudly lead the industry in depth of technical and scientific expertise and serve customers through the only national network of laboratories. In processing over 2,000,000 samples and generating in excess of 35,000,000 results annually, Maxxam skillfully combines efficiency and customer service with rigorous science and uncompromising quality management.

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The Maxxam Advantage

Here are the factors to consider when outsourcing your valuable evidence for analysis:

1. Accreditation (duration & stability)
2. Capabilities
3. Experience with police agencies/ case types
4. Security clearance of staff, facility and IT capabilities
5. Ability to upload results to CODIS
6. Expert witness testimony
7. Turnaround time
8. Capacity of laboratory
9. Size and stability of company

Maxxam Has The Answers You Need

How long has the lab been accredited? Has that accreditation ever been lost?

Maxxam Analytics was the first Canadian forensic biology and DNA testing laboratory to be accredited by the Standards Council of Canada (in 2000). This accreditation is to the ISO17025 standard. Maxxam has never lost its accreditation status.

What are the scientific capabilities of the lab?

Maxxam's laboratory conducts body fluid identification (blood, semen, saliva) and DNA analysis (hair, bone, tissue, touch DNA) using autosomal and Y-STR protocols. Experts are readily available for case consultation, advice and court testimony (if required).

For how many police agencies has forensic DNA analysis been conducted?

Since 2001, Maxxam has performed forensic DNA analysis for more than 350 different police agencies across Canada. Analyses have included a variety of case types from complex homicides and sexual assaults to B&E's and arson - including cold cases.

Do the laboratory staff, facility and IT system have security clearances?

All personnel within the Human DNA department of Maxxam have Enhanced Reliability security clearance through the RCMP. Maxxam's Guelph laboratory has met the necessary staff, facility and IT security clearances required by Public Works Canada.

Can the DNA profiles developed by the lab be uploaded to the National DNA Data Bank (CODIS)?

In February 2009, the RCMP Forensic Science and Identification Service officially announced that DNA profiles obtained from exhibits analyzed by Maxxam Analytics and contracted on a private basis could be uploaded to CODIS.

Have the scientific staff testified in court? (If so, how much experience do they have?)

Maxxam's scientific staff have been qualified as expert witnesses and testified over 100 times. Maxxam's DNA scientists have testified in every Canadian province and territory with the exception of Quebec and Nunavut.

What is the turnaround time (TAT) for lab results?

Maxxam's standard TAT is fifteen business days. However, we can have select results completed in as little as one day. When you call to discuss your case, you will be speaking directly with one of our scientists and we will work with you to deliver the timely results you need.