

THE FORENSIC USE OF YSTR TECHNOLOGY IN NEW ZEALAND

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The Institute of Environmental and Scientific Research Ltd. (ESR) is the major provider of forensic science services to the New Zealand Police. It has been offering YSTR analysis of DNA samples since 2005. Since then, no substantial review of the value of this service has been undertaken. Using compiled data and case studies, this study will examine how often YSTR analysis has been used in New Zealand, what sorts of case and sample types has it been applied to, and how successful it has been at obtaining DNA profiles. Particular areas of interest which will be covered include success rates in cases of alleged digital penetration, and results obtained in cases with significant time delays between the alleged incident and sample collection.