

**STR POPULATION DATA FOR ARIZONA NAVAJO AND APACHE POPULATIONS
USING THE AmpF/STR® IDENTIFILER™ PCR AMPLIFICATION KIT**

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Expanding backlogs for casework and databasing have created a need for laboratories to increase their DNA sample throughput. Applied Biosystem's AmpF/STR® Identifiler™ PCR Amplification Kit enables one to obtain results at the 13 core STR loci, in addition to D2S1338 and D19S433, with a single amplification. The Arizona Department of Public Safety amplified 185 Arizona Navajo and 198 Arizona Apache samples using the Identifiler™ kit. The samples were analysed with an ABI PRISM® 310 Genetic Analyzer using Genescan® and Genetyper® software. The allele frequencies were calculated and the results are presented.