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Interpretation of Deletion of Y-allele in Some Cases

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DNA profiling plays a crucial role in sexual assault cases, murder and other missing identity cases because individuals can be identified through DNA profiling in unidentified dead body or mass disaster cases. It was observed that a DNA profile shows a Y deletion on amelogenin in some cases due to a mutation in the gene. A male DNA sample may sometimes be incorrectly ...

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Semen Detection and its DNA Profiling from the Menstruating Rape Survivor

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It has been generally observed that a survivor is raped when she is not menstruating. In some of the cases, the survivor is raped during the period of menstruation. The alkaline nature of semen, having pH 7.2–8.0 is help to neutralize acidic nature of the vagina. Samples taken, such as vaginal swabs and washing from the vagina, lead to sperm detection and may help to ...

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