

Analysis of Some Genetic Markers in Blood and Semen Stains: Typability under Indian Climatic Conditions

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ABSTRACT The present investigation has been undertaken with a view to studying the following important polymorphic enzymes and a serum protein: ESD, PGM, AK, CA IL GLO, 6-PGD and Hp, under Indian conditions. Attempt has been made to study the time lapse upto which the blood factors can be reliably typed under Indian conditions of storage and preservation viz. at -20°C , at room temperature, in summer and winter months, wet and dry stains exposed and contamination with perspiration etc. Suitability of testing these genetic markers in Indian Crime Laboratories has also been assessed.