

# Laboratory Corporation of America Holdings

Scope of Accreditation

07-FQS-I-04

Category	Sub Category	Analytical Techniques
Biology	Histocompatibility	• 1.0, 2.1.2, 2.2, 3.0, 4.0
	Engraftment monitoring	• 1.2, 1.4, 1.5, 2.1.1, 2.2, 3.1, 4.0
	DNA in offender databasing	• 1.0, 2.1.1, 2.2, 3.1, 3.2, 4.0
	Relationship testing	• 1.0, 2.1.1, 2.1.2, 2.2, 3.1, 3.2, 3.3, 3.4, 4.0

## Analytical Techniques

1.0 Sample Preparation
1.1 Robotic extraction
1.2 Manual extraction
1.3 Robotic amplification set-up
1.4 Manual amplification set-up
1.5 Automated liquid handler
2.0 Genetic Analysis
2.1 DNA-PCR
2.1.1 Autosomal STR
2.1.2 HLA Typing
2.1.2.1 SSOP
2.1.2.2 Sequencing
2.2 Data analysis
3.0 Detection Methodology
3.1 Capillary electrophoresis
3.2 Gel electrophoresis
3.3 Membrane hybridization and development
3.4 Dot blot
4.0 General laboratory procedures