Short Tandem Repeat

Requestor: Marianne James, Boston University
Samples Received: 22Mar23
STR Amplification Date: 27Mar23

Form SOP-89.01
Version 12.0

Sample Name	**bBU1c2 N1 P16**
WiCell CTR No.[1]	96368
FGA	20, 24
TPOX	8, 8
D8S1179	12, 13
vWA	16, 17
Amelogenin	X, Y
Penta_D	13, 13
CSF1PO	10, 12
D16S539	11, 12
D7S820	8, 13
D13S317	8, 8
D5S818	11, 13
Penta_E	5, 14
D18S51	13, 13
D21S11	28, 32.2
TH01	7, 9.3
D3S1358	14, 17
Allelic Polymorphisms	26
Matches*	82829, 91261
Comments	

**Note: The STR profile of the following sample is a 100% match for the given sample/samples unless otherwise specified.*

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[1] CTR No.: Characterization Test Request Number; also known as a laboratory accessioning number.

WiCell®

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Assay Description: STR analysis is performed using the PowerPlex 16 HS System by Promega™. Results are reported as 13 CODIS STR markers, Amelogenin for gender determination and two low-stutter, highly discriminating pentanucleotide STR markers.

Results: The genotypic profiles comprise a range of 26 allelic polymorphisms across the 15 STR loci analyzed.

Interpretation: The concentration of DNA required to achieve an acceptable STR genotype (signal/ noise) was equivalent to that required for the standard procedure (~1 ng/amplification reaction) from human genomic DNA. These results suggests that the cells submitted correspond to the cell lines as named and were not contaminated with any other human cells or a significant amount of mouse feeder layer cells.

Sensitivity: Sensitivity limits for detection of STR polymorphisms unique to either this or other human cell lines is ~2-4%.

Amended Report: This report has been updated to create a separate report for sample 96368 at the request of the client on 25Mar24.

3/29/2024	3/29/2024	3/29/2024
X Amber Kuhn	X Anna Lisa Larson	X Ryen Smith
Tech #1 Characterization Signed by: Kuhn, Amber	Tech #2 Characterization Signed by: Larson, Anna Lisa	QA Review Quality Assurance Signed by: Smith, Ryen