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Case Number: CL121127

STR Analysis for Cell Line Authentication

Institute	Researcher Name	Cell Line ID	Date Received	Date Analyzed
Co., Ltd	N/A	CL121127	12/5/2012	12/11/2012

Results:

Genetic Locus	CL121127ID01
D8S1179	13,14
D21S11	28,30
D7S820	9,10
CSF1PO	12,12
D3S1358	16,16
TH01	6,6
D13S317	12,14
D16S539	9,12
D2S1338	25,26
D19S433	13,2,15
vWA	14,19
TPOX	8,8
D18S51	12,18
AMEL	X,Y
D5S818	11,13
FGA	22,25


Conclusion:

The DNA profile obtained from item CL121127ID01 is compiled in Table 1.

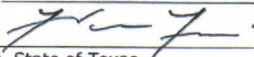
This item yielded a full DNA profile, and the AMEL locus amplified from the X and Y chromosomes. Therefore it can be concluded that the DNA of this cell line most likely originated from a male individual. Contamination by another human cell line was not detected.

BIO-SYNTHESIS, INCORPORATED and the DNA IDENTITY TESTING LABORATORY expressly disclaim any and all responsibility for the validity of this report. The collection of samples from the named cell lines was not witnessed, nor identities verified in compliance with established chain of custody guidelines. Therefore, the results of this test should not be considered legally valid.

Deoxyribonucleic acid (DNA) was extracted and genetic loci were amplified from samples provided to the DNA Identity Testing Laboratory of Bio-synthesis, Inc. the conclusion has been verified as true and correct relative to the DNA profiles presented herein and the biographical data provided by the customer.


Miguel Castro, Ph.D.
Director
12/12/2012

Sworn and Subscribed before me this
12th day of December, 2012


Notary Public, State of Texas

