

Cell Line STR Validation Analysis

Case Number: 2012 CL121126

Institute	Researcher Name	Cell Line ID	Date Received	Date Analyzed
University School of medicine	Dr.	CL121126ID5	11/29/2012	12/7/2012

Results:

Database Match Result(s)				
	Designation	Cell Number	% Match	Database
1	PC-3	465	100	DSMZ
2	PC-3	RCB2145	100	DSMZ
3	PC-3	JCRB9110	100	DSMZ

Table 1

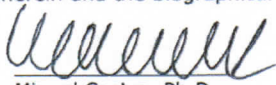
System	Allele(s) CL121126ID5	Allele(s) PC-3 (465)	Comparison
D8S1179	13,13	N/A	---
D21S11	29,31.2	N/A	---
D7S820	8,11	8,11	Match
CSF1PO	11,11	11,11	Match
D3S1358	16,16	N/A	---
TH01	6,7	6,7	Match
D13S317	11,11	11,11	Match
D16S539	11,11	11,11	Match
D2S1338	18,20	N/A	---
D19S433	14,14	N/A	---
Vwa	17,17	17,17	Match
TPOX	8,9	8,9	Match
D18S51	14,15	N/A	---
AMEL	X,X	X,X	Match
D5S818	13,13	13,13	Match
FGA	24,24	N/A	---

Conclusion:

The DNA profile obtained from item CL121126ID5 is compiled in Table 1. The DNA profile obtained from item CL121126ID5 yielded a maximum of two alleles per locus, and the AMEL locus detected from the X chromosome. Therefore, it can be concluded that the DNA of this cell line most likely originated from a single, female individual. **No contamination by another human cell line was detected.** There are THREE Exact MATCHES after searching ATCC, JCRB or DSMZ databases; the cell line names and alleles are shown in the table.

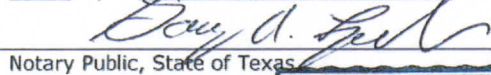
BIO-SYNTHESIS, INCORPORATED and the DNA IDENTITY TESTING LABORATORY expressly disclaim any and all responsibility for the validity of this report. The collection of samples from the named cell lines was not witnessed, nor identities verified in compliance with established chain of custody guidelines. 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
12/7/2012

Sworn and Subscribed before me this

7 day of December 2012


Notary Public, State of Texas

