

Certificate of Analysis

Submitted by:

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Specimen Description

Species: Human

Description:

Number of Specimens/Animals: XX

ID	Client ID	Cell Line	Species	ATCC Cat. No.
1	A	1	Human	CRL-XXXX
2	B	2	Human	HTB-XX

Services/Tests Performed

Cat.No.: C287

Service: Human Cell Line Authentication Service

PCR evaluation for: Human STR profile using 9 species specific STR markers, and interspecies contamination test for human, mouse, rat, African green monkey, and Chinese hamster

General Comments:

Human Cell Line Authentication Service

Human STR Profile and Inter-species Contamination Test

Summary: Human Cell Line Authentication Service results are provided in the data results section for each sample. Please see report for details.

Species-specific PCR Evaluation

Species	Sample 1	Sample 2
Mouse	-	-
Rat	-	-
Human	+	+
Chinese Hamster	-	-
African Green Monkey	-	-

Marker Analysis

Marker Name	1		2	
	Sample Results	BXX-FXX (ATCC#CRL-XXXX)	Sample Results	SW XXX (ATCC#HTB-XX)
Amelogenin	X	X	X	X
CSF1PO	5	5	5	5
D13S317	12	12	11	11
D16S539	11	11	11	11
D5S818	11,13	11,13	10	11
D7S820	12	12	12	12
TH01	11	11	10, 12	10, 12
TPOX	7, 8	7, 8	9, 3	9, 3
vWA	11	11	7	8
Identity Match	100%		<80%, see comments	

Comments

Sample ID	Comments
2	The genetic profile is not consistent with the genetic profile established for the SW XXX cell line (ATCC#HTB-XX). The sample profile is identical to the genetic profile reported for the SW YYY cell line (ATCC# CCL-XXX). This sample appears to be misidentified.