

Certificate of Analysis

Submitted by:

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Specimen Description

Species: Mouse

Description:

Number of Specimens/Animals: XX

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

Services/Tests Performed

Cat.No.: C311

Service: Mouse Cell Line Authentication Service

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

General Comments:

Mouse Cell Line Authentication Service

Mouse STR Profile and Inter-species Contamination Test

Summary: Mouse 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)
MCA-4-2	X	X	X	X
MCA-5-5	12	12	11	11
MCA-6-4	11	11	11	11
MCA-6-7	11,13	11,13	10	11
MCA-9-2	12	12	12	12
MCA-12-1	11	11	10, 12	10, 12
MCA-15-3	7, 8	7, 8	9, 3	9, 3
MCA-18-3	11	11	7	8
MCA-X-1	15, 17	15, 17	16	17, 18
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-YYY). This sample appears to be misidentified.