

STR Authentication Report For Cell Line

1. Cell Name: MSTO-211H

2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.

3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells						
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: MSTO-211H-Y01-K			Cell name: MSTO-211H		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	11	14		11	14	
D7S820	8	12		8	12	
D16S539	13	13		13	13	
VWA	16	18		16	18	
TH01	8	9.3		8	9.3	
AMEL	X	Y		X	Y	
TPOX	11	11		11	11	
CSF1PO	11	12		11	12	
D12S391	18	19				
FGA	21	21				
D2S1338	20	24				
D21S11	28	31				
D18S51	16	18				
D8S1179	13	13				
D3S1358	15	15				
D6S1043	11	12				

PENTAE	7	13				
D19S433	13	14				
PENTAD	11	12				
D1S1656	16.3	16.3				

4. Conclusion: The STR results of **MSTO-211H** cells are consistent with the genotypes of **MSTO-211H** cell lines in **DSMZ** database, the cell ID corresponded to **390**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

