

## STR Authentication Report For Cell Line

1. Cell Name: ME-180

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: STR24122007				Cell name: ME-180		
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
D5S818	10	12			12	12	
D13S317	11	12			11	12	
D7S820	9	10			9	10	
D16S539	12	13			12	13	
VWA	15	16	17.0		15	16	17.0
TH01	8	9.3			8	9.3	
AMEL	X	X			X	X	
TPOX	8	10			8	10	
CSF1PO	10	11			11	11	
D12S391	18	20					
FGA	20	21	23.0				
D2S1338	16	18					
D21S11	26	28	30.0	31.0			
D18S51	12	14	17.0				
D8S1179	10	14					
D3S1358	16	17					
D6S1043	11	17	19.0				

PENTAE	11	12	14.0				
D19S433	13	15.2					
PENTAD	9	14					
D1S1656	15	16	16.3	17.3			

4. Conclusion: The STR results of **ME-180** cells are consistent with the genotypes of **ME-180** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL 1401** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

