

STR Authentication Report For Cell Line

1. Cell Name: Daudi

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: STR25031407			Cell name: DAUDI		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	8	13		8	13	
D13S317	11	12		11	12	
D7S820	8	10		8	10	
D16S539	10	12		10	12	
VWA	15	17		15	17	
TH01	6	7		6	7	
AMEL	X	Y		X	Y	
TPOX	8	11		8	11	
CSF1PO	12	12		12	12	
D12S391	17	20				
FGA	21	26				
D2S1338	17	24				
D21S11	34	35				
D18S51	16	18				
D8S1179	14	14				

D3S1358	16	18				
D6S1043	11	20				
PENTAE	7	9				
D19S433	12	14				
PENTAD	10	12				
D1S1656	16	16.3				

4. Conclusion: The STR results of **Daudi** cells are consistent with the genotypes of **Daudi** cell lines in **ATCC** database, the cell ID corresponded to **ACC-78** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

