

STR Authentication Report For Cell Line

1. Cell Name: WERI-Rb-1

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: STR25031432			Cell name: WERI-Rb-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	14	14		14	14	
D7S820	10	13		10	13	
D16S539	13	13		13	13	
VWA	17	18		17	18	
TH01	9.3	9.3		9.3	9.3	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	12	13.0	10	12	13.0
D12S391	19	21				
FGA	21	21				
D2S1338	20	25				
D21S11	29	29				
D18S51	13	19				
D8S1179	12	15				
D3S1358	14	15				
D6S1043	12	19				

PENTAE	7	11				
D19S433	14	15				
PENTAD	12	13				
D1S1656	14	15				

4. Conclusion: The STR results of **WERI-Rb-1** cells are consistent with the genotypes of **WERI-Rb-1** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL 1792** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

