

## STR Authentication Report For Cell Line

1. Cell Name: Huh-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: STR25041119			Cell name: huH-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	13		10	13	
D13S317	10	12		10	12	
D7S820	11	11		11	11	
D16S539	9	9		9	9	
VWA	17	18		17	18	
TH01	6	9		6	9	
AMEL	X	Y		X	Y	
TPOX	8	11		8	11	
CSF1PO	11	11		11	11	
D12S391	19	19				
FGA	24	24				
D2S1338	19	19				
D21S11	33.2	33.2				
D18S51	16	16				
D8S1179	10	12				

D3S1358	16	17				
D6S1043	12	19				
PENTAE	16	18				
D19S433	13	14				
PENTAD	12	12				
D1S1656	16	16				

4. Conclusion: The STR results of **Huh-1** cells are consistent with the genotypes of **Huh-1** cell lines in **DSMZ** database, the cell ID corresponded to **JCRB0199** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

## 5. Attached Image

