(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

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Online Inquiry

1. Cell Name: COLO 205

- 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. JUBIGEN
- 3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells								
.0	STR profile for Sample cell Cell name: C0LO 205			STR profile for Cell Bank cell Cell name: COLO-205				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	10	13	JUBIC	10	13			
D13S317	10	12		10	12			
D7S820	9	10		9	10	1 BIGK		
D16S539	12	13		12	13			
VWA	15	15		15	15			
TH01	8	9		8	9			
AMEL	Х	Х		Х	Х			
TPOX	11	11	.0	EN 11	11			
CSF1PO	11	12	UNBIC	11	12			
D12S391	15	15				aE'		
FGA	21	23				* I IBIOL		
D2S1338	17	18						
D21S11	30.2	33.2						
D18S51	18	18						
D8S1179	9	14						

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D3S1358	16	16			
D6S1043	11	11			
PENTAE	13	15	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	9	11			-51
D1S1656	11	15			- IBIG

4. Conclusion: The STR results of <u>COLO 205</u> cells are consistent with the genotypes of <u>COLO 205</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CCL-222</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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