



Beijing Center for Physical and Chemical Analysis

## Test Report

Sample ID: 210531-YFS-001-02

Customer: Peking University People's Hospital

Sample Name: U-937

Sample Type: Cell suspension

Date of Reception: May 31, 2021

Date of Completion: June 2, 2021

Test Content: Cell identification

Checked by:

Approved for Issue:

Notification :

1. The present test report is invalid without the match mark of the special test report stamp and Beijing Center for Physical and Chemical Analysis (BCPCA) responsible signature.
2. The customer, in case of any questions, should provide a written demand to BCPCA within 15 days following the reception of the report.
3. The unrepeatable test will not be reproduced.
4. The present test report issued only concerned the testing samples.
5. This test report cannot be partially reproduced without prior written permission of BCPCA.

Tel: (86-10) 58711817 Fax: (86-10) 58717638

E-mail: test@beijinglab.com.cn

Website: <http://www.beijinglab.com.cn>

Address (Postcode): No. 7 Fengxian Middle Road, Haidian District, Beijing (100094)

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## Test Result

Sample ID	Standard (method) of testing	Reference cell line	STR profile database	EV Value	Test Results
210531-YFS-001-02	Designation: ASN-0002, Authentication of Human Cell Lines: Standardization of STR Profiling	U-937 cell line	DSMZ	0.94	Match

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**Supplementary Materials****Table S1. Autosomal STR typing results of 210531-YFS-001-02**

<b>Marker</b>	<b>Allele1</b>	<b>Allele2</b>
D3S1358	16	16
D5S818	12	12
D2S1338	17	20
TPOX	8	11
CSF1PO	12	12
Penta D	12	13
Indel		
Amel	X	X
TH01	6	9.3
vWA	14	15
D7S820	11	11
D21S11	27	29
Penta E	13	13
D10S1248	14	14
D8S1179	12	13
D1S1656	17.3	17.3
D18S51	13	14
D12S391	17	18
D6S1043	12	18
D19S433	14	16
D16S539	12	12
D13S317	10	12
FGA	22	25

**Result of STR matching analysis by your data.**

- DSMZ Profile Database -

A graphical presentation is shown at the bottom of this page.

EV	Cell No.	Cell name	Locus names									Figures
			D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO	
		<i>Query (Your Cell)</i>	<i>12,12</i>	<i>10,12</i>	<i>11,11</i>	<i>12,12</i>	<i>14,15</i>	<i>6,9,3</i>	<i>x,x</i>	<i>8,11</i>	<i>12,12</i>	
0.94(34/36)	155	JOSK-1	12,12	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.94(34/36)	CRL-2776	SAML-1	12,12	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.94(34/36)	IFO50038	U-937	12,12	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.94(34/36)	JCRB0116.1	U937 cl1-14	12,12	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.94(34/36)	JCRB0116.2	U937 d 1-22	12,12	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.94(34/36)	RCB1978	U937	12,12	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.89(32/36)	CRL-2367	TUR	12,12	10,12	9,11	12,12	14,16	6,9,3	X,X	8,11	12,12	-
0.89(32/36)	JCRB9021	U937	12,12	10,12	9,11	12,12	14,15	6,10	X,X	8,11	12,12	-
0.89(32/36)	RCB0435	U-937 DE-4	12,12	10,12	9,11	12,12	15,15	6,9,3	X,X	8,11	12,12	-
0.83(30/36)	30	JOSK-M	13,13	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	12,12	-
0.83(30/36)	CRL-1593.2	U-937	12,12	10,12	9,11	12,12	15,15	9,3,9,3	X,X	8,11	12,12	-
0.81(30/37)	5	U-937	10,12,13	10,12	9,11	12,12	14,15	6,9,3	X,X	8,11	10,12	-

**Figure S1. DSMZ database comparison results of 210531-YFS-001-02**