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Analytical Report:
Cell Line Authentication Test
Order ID: 11108356895

Person in charge: Dr. Torsten Brendel
Report date: 29.03.2023
Sample received on: 22.03.2023
Start / End of Analysis: 22.03.2023/29.03.2023

Method:

Genetic characteristics were determined by PCR-single-locus-technology.
16 independent PCR-systems D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, AMEL, D5S818, FGA, D19S433, vWA, TPOX and D18S51 were investigated.
(ASN-0002 core markers are colored grey, Thermo Fisher, AmpFISTR® Identifier® Plus PCR Amplification Kit)
In parallel, positive and negative controls were carried out yielding correct results.
Method details are given in **SOP_APG_Zelllinienauthentizität_2.0**

Result:

Client Sample Name	ARPE-19
Sample Code	CL00012416
D8S1179	13,13
D21S11	28,29
D7S820	9,11
CSF1PO	11,11
D3S1358	14,15
TH01	6,9,3
D13S317	11,12
D16S539	9,11
D2S1338	19,19
D19S433	12,13
vWA	16,19
TPOX	9,11
D18S51	12,16
AMEL	X,Y
D5S818	13,13
FGA	23,23
Database Name	ARPE-19

The table shows the result of the cell line analysis and the comparison with the online database of the DSMZ (<http://www.dsmz.de/de/service/services-human-and-animal-cell>) and the Cellosaurus database (<https://web.expasy.org/cellosaurus>). Please note that only the PCR-systems according to ANSI/ATCC standard ASN-0002 were aligned (D5S818, D13S317, D7S820, D16S539, VWA, TH01, TPOX, CSF1PO, AMEL - colored grey).

The laboratory is accredited acc. to DIN EN ISO/IEC 17025:2018. All analyses have been carried out with greatest care and on the basis of state of the art scientific knowledge. The results refer solely to the analysed samples, as received. The duplication and publication also in parts requires a written authorization by this laboratory. Our General Terms and Conditions apply exclusively and are available under eurofinsgenomics.com



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