School of Medicine and Public Health
UNIVERSITY OF WISCONSIN-MADISON

Department of Pathology and Laboratory Medicine
TRIP Laboratory (Molecular)
http://www.pathology.wisc.edu/research/trip

Short Tandem Repeat Analysis

WiCell®
info@wicell.org
(888) 204-1782

Sample Report:
11692-STR
Sample Name on Tube: 11692-STR
96.2 ng/µL, (A260/280=1.94)
Sample Type: Cells
Cell Count: ~2 million cells

Requestor:
WiCell Research Institute
Quality Department

Sample Date: N/A
Receive Date: 06/13/16
Assay Date: 06/15/16
File Name: STR 160617 wmr
Report Date: 06/20/16

STR Locus	STR Genotype Repeat #	STR Genotype
FGA	16–18,18.2,19,19.2,20,20.2,21,21.2,22, 22.2, 23, 23.2, 24, 24.2, 25, 25.2, 26–30, 31.2, 43.2, 44.2,45.2, 46.2	20,24
TPOX	6-13	8,11
D8S1179	7-18	12,13
vWA	10-22	15,17
Amelogenin	X,Y	X,Y
Penta_D	2.2, 3.2, 5, 7-17	10,13
CSF1PO	6-15	12,13
D16S539	5, 8-15	9,13
D7S820	6-14	8,12
D13S317	7-15	8,11
D5S818	7-16	9,11
Penta_E	5-24	10,12
D18S51	8-10, 10.2, 11-13, 13.2, 14-27	17,18
D21S11	24,24.2,25,25.2,26-28,28.2,29,29.2, 30, 30.2,31, 31.2,32,32.2,33,33.2, 34,34.2,35,35.2,36-38	28,32.2
TH01	4-9,9.3,10-11,13.3	9.3,9.3
D3S1358	12-20	15,15

Results: **Based on the 11692-STR cells submitted by WiCell QA dated and received on 06/13/16, this sample (Label on Tube: 11692-STR) exactly matches the STR profile of the human stem cell line WA01 comprising 28 allelic polymorphisms across the 15 STR loci analyzed.**

Interpretation: **No STR polymorphisms other than those corresponding to the human WA01 stem cell line were detected and the concentration of DNA required to achieve an acceptable STR genotype (signal/ noise) was equivalent to that required for the standard procedure (~1 ng/amplification reaction) from human genomic DNA. This result suggests that the 11692-STR sample submitted corresponds to the WA01 stem cell line and was not contaminated with any other human stem cells or a significant amount of mouse feeder layer cells.**

Sensitivity: **Sensitivity limits for detection of STR polymorphisms unique to either this or other human stem cell lines is ~2-5%.**

X *RMB* **Digitally Signed on 06/20/16**

Rebecca M. Baus
TRIP Laboratory, Molecular

X *WMR* **Digitally Signed on 06/20/16**

William M. Rehrauer, PhD, Director / Co-Director
UWHC Molecular Diagnostics Laboratory / UWSMPH TRIP Laboratory

Testing was accomplished by analysis of human genetic polymorphisms at STR loci. This methodology has not yet been approved by the FDA and is for investigational use only.
Acknowledge TRIP in your publications, posters & presentations. For details, see: *http://www.pathology.wisc.edu/research/trip/acknowledging*
TRIP agrees to maintain the confidentiality of any information provided to it in connection with its performance of this STR analysis on the same conditions as set forth in paragraph 2 of WiCell's Terms and Conditions of Service (http://www.wicell.org/media.acux/1a429b84-2b54-44a4-8ad8-5c05db93dd8a).

Sterility Report

Biotest Laboratories, Inc.
Making life-saving products possible

WiCell Research Institute, Inc.
WiCell Quality Assurance
504 South Rosa Road, Room 101
Madison, WI 53719

BIOTEST SAMPLE # 16070342

VALIDATION # NG

TEST PURPOSE NG

PRODUCT	RUES2-WB33580 11727, LT1e-OLIG2GFP-WB37417 11744, WA07-WB35901 11743, MIN19i-33811.D-WB33919 11739, MIN10i-33360.A-WB33910 11731, MIN11i-33360.B-WB33880 11738, MIN05i-33110.2F-WB34134 11732, IISH6i-CML17-WB34443 11730, MIN06i-33110.2H-WB34135 11733, MIN18i-33811.A-WB34313 11734, WA07-WB34437 11735, H9 hNanog-pGZ-WB37309 11741, H1 Oct4-EGFP-WB36220 11742, IISH3i-CB6-WB36684 11740, WA01-WB34444 11736, WA01-WB34445 11737, WA01-WB35185 11728, WA01-WB35186 11729, UCSD067i-19-1-DB25375 11746, UCSD068i-19-2-DB25895 11745
PRODUCT LOT	NA
STERILE LOT	NA
STERILIZATION LOT	NA
STERILIZATION DATE	NA
STERILIZATION METHOD	NA
SAMPLING BLDG / ROOM	NA

BI LOT	NA
BI EXPIRATION DATE	NA
DATE RECEIVED	2016-07-07
TEST INITIATED	2016-07-08
TEST COMPLETED	2016-07-22

REFERENCE: Processed according to LAB-003: Sterility Test Procedure

Twenty (20) products were divided between 40 mL TSB and 40 mL FTG. The sample was then cultured at 20-25 C and 30-35 C respectively and was monitored for a minimum of 14 days.

☒ USP
☐ BI Manufacturers Specifications
☐ Other

RESULTS	# POSITIVES	# TESTED	POSITIVE CONTROL	NEGATIVE CONTROL
No Growth	0	20	NA	2 Negatives

COMMENTS NA

REVIEWED BY Hansen DATE 26JUL16

Mycoplasma Detection Assay Report

Testing Performed by WiCell

Lot Release Test

June 2nd, 2016

FORM SOP-QU-004.01
Version F Edition 01
Reported by: SM
Reviewed by: JB
Berthold Flash n' Glo 180

#	Sample Name	Reading A		A	Reading B		B	Ratio	Result	Comments/Suggestions
		RLU1	RLU2	Ave	RLU1	RLU2	Ave	B/A		
1	WA01-WB34444 11692	175	175	175	104	115	109.5	0.63	Negative	
2	Positive (+) Control	231	239	235	16358	16436	16397	69.77	Positive	
3	Negative (-) Control	397	400	398.5	45	45	45	0.11	Negative