

**BioResearch****FINAL REPORT OF LABORATORY EXAMINATION**

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idxxbioresearch@idexx.comwww.idexxbioresearch.com**IDEXX BioResearch Case # 7245-2017****Received: 2/24/2017****Completed: 3/3/2017****Submitted By**

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Specimen Description

Species: rat
Description: Frozen vial of cells
Number of Specimens/Animals: 1

ID	Client ID	Cell Line	Species	Kerafast
1	R28	Retinal Cell Line (R28 cells)	Rat	EUR201

Services/Tests Performed: CellCheck - rat (rat STR profile and interspecies contamination test)**Genetic evaluation for:** Interspecies Contamination Test, Rat STR Profile**Summary:** Cell Check results are provided in the data results section for the sample. Please see the report for details.

CELL CHECK

Species-specific PCR Evaluation

Species	1
mouse	-
rat	+
human	-
Chinese hamster	-
African green monkey	-

Marker Analysis

Marker Name	1
	Sample Results
73	194
8	231, 237
2	126, 128
4	238, 254
3	163
26	159, 161
19	176
81	131
34	190
30	194
24	250, 259
59	177, 179
62	155
1	97
55	206
36	223
67	166
13	121
35	203
42	153, 157
70	176
61	111
79	173, 181
90	162
69	139
78	149
15	245, 250
16	265

Marker Name	1
	Sample Results
75	145
96	211
91	206

Sample ID	Remarks
1	<p>The sample was confirmed to be of rat origin and no mammalian interspecies contamination was detected. A genetic profile was generated for the sample by using a panel of STR markers for genotyping. This data is presented in the table as allele sizes in bp.</p> <p>A genetic profile has not been established for this cell line. The profile generated for this sample can be used for comparison of samples in the future and should be included as a reference profile in publications.</p>