



Azenta NGS Laboratory Sample QC Form

Name: Samuel White

Institute: University of Washington

Quotation Number: 30-943133806

Sample ID	AZENTA ID	Sample Type	Sample Vol.(ul)	Nanodrop 2000				DNA Qubit		RNA Qubit		TapeStation			QC Note
				Actual Nucleic Acid Conc. (ng/ul)	Total Amount (ng)	A260/A280	A260/A230	Actual Nucleic Acid Conc. (ng/ul)	Total Amount (ng)	Actual Nucleic Acid Conc. (ng/ul)	Total Amount (ng)	Average Size for DNA	RIN for RNA	DV 200 (for RNA)	
1	SFM18476	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	650.00	28600.00	NA	7.7	95.80	
2	SFM18477	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	767.04	33749.76	NA	9.3	96.00	
3	SFM18478	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1738.80	76507.20	NA	7.4	94.40	
4	SFM18479	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	803.20	35340.80	NA	8.1	94.80	
5	SFM18480	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	594.75	26169.00	NA	7.7	94.80	
10	SFM18481	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	611.70	26914.80	NA	5.4	93.00	2
11	SFM18482	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1402.75	61721.00	NA	7.9	95.00	
12	SFM18483	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1150.00	50600.00	NA	7.0	94.00	
13	SFM18484	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	682.00	30008.00	NA	5.0	94.30	2
18	SFM18485	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1535.70	67570.80	NA	6.8	94.10	
19	SFM18486	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	Too low	Too low	NA	NA	68.29	1,3
20	SFM18487	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	106.72	4695.68	NA	6.9	95.00	
21	SFM18488	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	657.30	28921.20	NA	7.2	93.40	
28	SFM18489	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1264.80	55651.20	NA	6.3	93.70	
29	SFM18490	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1672.00	73568.00	NA	8.2	95.70	
30	SFM18491	Fresh Frozen	44	NA	NA	NA	NA	NA	NA	1086.60	47810.40	NA	6.8	93.80	

		Tissue													
31	SFM18492	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	292.80	12883.20	NA	8.9	95.00	
37	SFM18493	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	10.93	437.20	NA	5.1	88.09	2
38	SFM18494	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	322.15	14174.60	NA	7.5	91.40	
39	SFM18495	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	355.65	15648.60	NA	6.9	94.20	
40	SFM18496	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	69.59	3061.96	NA	6.3	94.50	
41	SFM18497	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	Too low	Too low	NA	NA	22.07	1,3
47	SFM18498	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1013.60	44598.40	NA	7.8	94.90	
48	SFM18499	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	Too low	Too low	NA	NA	41.27	1,3
49	SFM18500	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	816.00	35904.00	NA	6.8	94.00	
50	SFM18501	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1241.40	54621.60	NA	7.4	94.10	
57	SFM18502	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1040.20	45768.80	NA	7.3	94.40	
58	SFM18503	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	893.70	39322.80	NA	6.2	94.30	
59	SFM18504	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	134.32	5910.08	NA	8.5	95.60	
60	SFM18505	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1130.60	49746.40	NA	7.0	94.00	
67	SFM18506	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	765.70	33690.80	NA	8.4	95.80	
68	SFM18507	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1108.50	48774.00	NA	7.7	95.30	
69	SFM18508	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	776.00	34144.00	NA	6.5	92.60	
70	SFM18509	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	686.90	30223.60	NA	8.0	95.00	
78	SFM18510	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	802.80	35323.20	NA	7.3	93.50	
79	SFM18511	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	739.65	32544.60	NA	8.9	95.80	
80	SFM18512	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	888.40	39089.60	NA	7.6	94.80	
83	SFM18513	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	682.60	30034.40	NA	8.6	94.70	
88	SFM18514	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	266.32	11718.08	NA	7.4	95.30	
90	SFM18515	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	181.68	7993.92	NA	7.3	94.60	
91	SFM18517	Fresh Frozen	44	NA	NA	NA	NA	NA	NA	1232.00	54208.00	NA	7.3	94.30	

		Tissue													
92	SFM18518	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	724.20	31864.80	NA	8.4	95.10	
97	SFM18519	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	3.17	126.80	NA	NA	75.52	
98	SFM18520	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	Too low	Too low	NA	NA	42.09	1,3
99	SFM18521	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1674.80	73691.20	NA	6.9	94.40	
100	SFM18522	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1120.80	49315.20	NA	9.0	95.80	
107	SFM18523	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	274.48	10979.20	NA	8.6	95.18	
108	SFM18524	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	726.40	31961.60	NA	6.3	93.50	
109	SFM18525	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1211.40	53301.60	NA	8.9	95.50	
110	SFM18526	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1232.00	54208.00	NA	9.9	96.40	
117	SFM18527	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1518.75	66825.00	NA	9.2	95.80	
118	SFM18528	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1283.60	56478.40	NA	9.7	97.10	
119	SFM18529	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	633.80	27887.20	NA	9.9	95.90	
120	SFM18530	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1782.25	78419.00	NA	7.9	94.10	
121	SFM18531	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	473.60	20838.40	NA	10.0	98.30	
127	SFM18532	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	887.80	35512.00	NA	7.0	89.82	
128	SFM18533	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1329.50	58498.00	NA	8.8	95.40	
129	SFM18534	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	Too low	Too low	NA	NA	20.71	1,3
131	SFM18535	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1468.25	64603.00	NA	9.3	96.80	
137	SFM18536	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	495.30	21793.20	NA	9.2	95.60	
138	SFM18537	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	21.01	924.44	NA	8.7	94.00	
139	SFM18538	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	671.60	29550.40	NA	8.4	94.00	
140	SFM18539	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1000.80	44035.20	NA	9.5	96.60	
147	SFM18540	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1278.00	56232.00	NA	8.3	95.20	
148	SFM18541	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	829.50	36498.00	NA	6.7	94.00	
149	SFM18542	Fresh Frozen	40	NA	NA	NA	NA	NA	NA	Too low	Too low	NA	NA	14.92	1,3

		Tissue													
150	SFM18543	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	548.80	24147.20	NA	8.2	95.90	
19-G	SFM18548	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	600.30	26413.20	NA	9.1	93.10	
20-G	SFM18549	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	2743.60	120718.40	NA	8.8	92.50	
57-G	SFM18550	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	3089.60	135942.40	NA	9.4	95.20	
58-G	SFM18551	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	958.95	42193.80	NA	8.8	94.90	
19-S	SFM18552	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	3719.60	163662.40	NA	9.6	95.70	
20-S	SFM18553	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	727.95	32029.80	NA	8.5	91.40	
57-S	SFM18554	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	429.30	17172.00	NA	2.0	47.80	2,3
58-S	SFM18555	Fresh Frozen Tissue	40	NA	NA	NA	NA	NA	NA	394.20	15768.00	NA	2.8	70.46	2
RESUB-76	SGA05014	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	153.20	6740.80	NA	8.5	94.80	
RESUB-36	SGA05015	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	42.76	1881.44	NA	9.1	94.40	
RESUB-156	SGA05016	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	2836.80	124819.20	NA	9.5	94.90	
RESUB-116	SGA05017	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	2778.00	122232.00	NA	8.9	94.00	
RESUB-94	SGA05018	Fresh Frozen Tissue	44	NA	NA	NA	NA	NA	NA	1753.20	77140.80	NA	9.5	95.10	

QC Note Legend for RNA

Number	Note
1	Not enough starting material
2	RIN<6
3	DV200<70
4	DNA Spot Check >10%

QC Note Legend for DNA

Number	Note
1	Not enough starting material
2	RNA Spot Check >10%