



Azenta NGS Laboratory Sample QC Form

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Institute: University of Washington - South Lake Union

Quotation Number: 30-1075224139

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)	
89C9	SGJ00690	Total RNA	42	15.60	655.20	1.76	0.55	NA	NA	10.10	424.20	NA	NA	77.54	
45H14	SGJ00691	Total RNA	32	7.00	224.00	1.00	0.37	NA	NA	6.30	201.60	NA	NA	44.80	3
456C4	SGJ00692	Total RNA	32	20.10	643.20	1.52	0.77	NA	NA	14.10	451.20	NA	8.1	75.06	
131415H4	SGJ00693	Total RNA	42	18.50	777.00	1.51	0.73	NA	NA	16.00	672.00	NA	8.0	73.32	
101112M14	SGJ00694	Total RNA	42	20.10	844.20	1.56	0.76	NA	NA	14.40	604.80	NA	8.6	74.72	
131415L14	SGJ00695	Total RNA	42	16.20	680.40	1.39	0.63	NA	NA	11.20	470.40	NA	8.2	66.35	3
131415L9	SGJ00696	Total RNA	42	15.80	663.60	1.30	0.62	NA	NA	11.90	499.80	NA	8.7	77.66	
456M14	SGJ00697	Total RNA	42	11.70	491.40	1.17	0.66	NA	NA	5.60	235.20	NA	NA	60.83	3
131415H14	SGJ00698	Total RNA	42	13.20	554.40	1.40	0.63	NA	NA	7.70	323.40	NA	6.9	63.28	3
123M4	SGJ00699	Total RNA	17	102.50	1742.50	1.92	1.58	NA	NA	82.40	1400.80	NA	7.9	89.74	
789H14	SGJ00700	Total RNA	37	14.50	536.50	1.27	0.58	NA	NA	8.64	319.68	NA	8.2	62.48	3
123C4	SGJ00701	Total RNA	17	54.50	926.50	1.70	1.14	NA	NA	39.20	666.40	NA	8.2	85.58	
13M14	SGJ00702	Total RNA	42	13.30	558.60	1.33	0.52	NA	NA	7.12	299.04	NA	NA	69.02	3
789M4	SGJ00703	Total RNA	42	16.20	680.40	1.48	0.72	NA	NA	13.70	575.40	NA	8.6	76.51	
131415M14	SGJ00704	Total RNA	42	13.70	575.40	1.61	0.65	NA	NA	7.46	313.32	NA	NA	74.47	
101112C9	SGJ00705	Total RNA	42	9.50	399.00	1.63	0.99	NA	NA	5.96	250.32	NA	NA	69.36	3
456M4	SGJ00706	Total RNA	42	16.10	676.20	1.69	1.35	NA	NA	12.60	529.20	NA	8.6	80.23	
131415C4	SGJ00707	Total RNA	42	15.50	651.00	1.80	0.87	NA	NA	12.80	537.60	NA	8.2	76.46	
101112H9	SGJ00708	Total RNA	42	15.10	634.20	2.02	0.65	NA	NA	11.30	474.60	NA	8.5	82.82	
456H9	SGJ00709	Total RNA	42	14.80	621.60	1.61	0.77	NA	NA	11.70	491.40	NA	8.5	76.21	
123H9	SGJ00710	Total RNA	42	12.10	508.20	1.42	0.64	NA	NA	7.20	302.40	NA	NA	70.12	
789L9	SGJ00711	Total RNA	42	13.00	546.00	1.56	0.57	NA	NA	7.86	330.12	NA	NA	74.49	
456H4	SGJ00712	Total RNA	17	10.60	180.20	1.21	0.09	NA	NA	Too low	Too low	NA	NA	46.85	1,3
123L4	SGJ00713	Total RNA	42	14.40	604.80	1.94	0.83	NA	NA	11.10	466.20	NA	8.2	73.67	

123L14	SGJ00714	Total RNA	13	20.70	269.10	1.69	1.04	NA	NA	13.00	169.00	NA	8.6	83.03	
456L4	SGJ00715	Total RNA	13	12.90	167.70	1.70	0.04	NA	NA	5.15	66.95	NA	NA	40.70	1,3
456L9	SGJ00716	Total RNA	17	14.10	239.70	1.58	0.08	NA	NA	6.16	104.72	NA	NA	67.99	3
101112H4	SGJ00717	Total RNA	42	15.50	651.00	1.49	0.50	NA	NA	9.88	414.96	NA	NA	77.76	
101112M9	SGJ00718	Total RNA	42	13.40	562.80	1.42	0.54	NA	NA	8.16	342.72	NA	NA	76.56	
789C4	SGJ00719	Total RNA	42	14.10	592.20	1.25	0.47	NA	NA	8.08	339.36	NA	NA	74.04	
123H14	SGJ00720	Total RNA	17	30.70	521.90	1.69	0.85	NA	NA	19.10	324.70	NA	8.5	84.87	
101112C4	SGJ00721	Total RNA	42	25.80	1083.60	1.61	1.03	NA	NA	18.40	772.80	NA	8.3	81.28	
123M9	SGJ00722	Total RNA	23	31.80	731.40	1.64	1.09	NA	NA	17.80	409.40	NA	7.7	86.12	
789L4	SGJ00723	Total RNA	42	14.70	617.40	1.46	0.86	NA	NA	11.70	491.40	NA	8.6	78.43	
67C9	SGJ00724	Total RNA	23	8.50	195.50	1.67	0.69	NA	NA	Too low	Too low	NA	NA	49.31	1,3
789M14	SGJ00725	Total RNA	42	16.00	672.00	1.54	0.68	NA	NA	11.70	491.40	NA	8.9	78.82	
6C14	SGJ00726	Total RNA	22	6.40	140.80	1.63	0.80	NA	NA	Too low	Too low	NA	NA	46.46	1,3
101112M4	SGJ00727	Total RNA	42	21.40	898.80	1.56	0.69	NA	NA	16.70	701.40	NA	8.1	82.42	
789L14	SGJ00728	Total RNA	42	9.70	407.40	1.40	0.55	NA	NA	5.38	225.96	NA	NA	67.19	3
456M9	SGJ00729	Total RNA	17	6.90	117.30	1.14	0.06	NA	NA	Too low	Too low	NA	NA	47.14	1,3
456L14	SGJ00730	Total RNA	42	10.50	441.00	1.47	0.60	NA	NA	5.20	218.40	NA	NA	71.49	
123L9	SGJ00731	Total RNA	17	17.70	300.90	1.46	0.60	NA	NA	9.58	162.86	NA	NA	75.97	
131415L4	SGJ00732	Total RNA	42	24.70	1037.40	1.57	0.83	NA	NA	17.20	722.40	NA	8.4	79.20	
45C9	SGJ00733	Total RNA	17	10.60	180.20	1.18	0.19	NA	NA	Too low	Too low	NA	NA	58.02	1,3
789H9	SGJ00734	Total RNA	45	12.90	580.50	1.30	0.57	NA	NA	8.16	367.20	NA	NA	78.03	
45C14	SGJ00735	Total RNA	7	2.60	18.20	2.24	0.04	NA	NA	Too low	Too low	NA	NA	34.46	1,3
123C9	SGJ00736	Total RNA	17	26.50	450.50	1.71	0.60	NA	NA	15.00	255.00	NA	8.3	82.07	
131415M9	SGJ00737	Total RNA	42	10.10	424.20	1.28	1.02	NA	NA	6.26	262.92	NA	NA	66.25	3
123C14	SGJ00738	Total RNA	37	13.60	503.20	1.43	0.63	NA	NA	7.14	264.18	NA	NA	69.33	3
123H4	SGJ00739	Total RNA	37	25.50	943.50	1.80	1.03	NA	NA	23.60	873.20	NA	8.3	81.25	
131415C14	SGJ00740	Total RNA	37	14.40	532.80	1.85	0.71	NA	NA	9.68	358.16	NA	NA	73.43	
131415H9	SGJ00741	Total RNA	37	18.10	669.70	1.58	0.62	NA	NA	14.40	532.80	NA	8.2	81.48	
89C14	SGJ00742	Total RNA	37	11.20	414.40	1.26	0.46	NA	NA	5.68	210.16	NA	NA	65.81	3
7C14	SGJ00743	Total RNA	23	5.90	135.70	1.78	0.49	NA	NA	Too low	Too low	NA	NA	45.20	1,3
789H4	SGJ00744	Total RNA	27	15.50	418.50	1.37	0.62	NA	NA	10.20	275.40	NA	8.5	72.31	
131415C9	SGJ00745	Total RNA	32	17.10	547.20	1.53	0.95	NA	NA	12.80	409.60	NA	8.5	73.73	
89M9	SGJ00746	Total RNA	32	13.60	435.20	1.63	0.49	NA	NA	7.38	236.16	NA	NA	65.96	3
101112C14	SGJ00747	Total RNA	27	13.80	372.60	1.44	0.51	NA	NA	5.32	143.64	NA	NA	68.75	3
131415M4	SGJ00748	Total RNA	32	19.00	608.00	1.65	0.60	NA	NA	12.90	412.80	NA	NA	75.26	
101112H14	SGJ00749	Total RNA	32	12.40	396.80	1.64	0.49	NA	NA	7.78	248.96	NA	NA	71.97	
101112L9	SGJ00750	Total RNA	42	15.00	630.00	1.55	0.58	NA	NA	8.02	336.84	NA	NA	76.65	
101112L14	SGJ00751	Total RNA	42	12.50	525.00	1.44	0.47	NA	NA	7.28	305.76	NA	NA	73.39	
101112L4	SGJ00752	Total RNA	42	17.60	739.20	1.52	0.66	NA	NA	12.00	504.00	NA	8.4	77.63	

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%