

Azenta NGS Laboratory Sample QC Form

Name: John Santiago

Institute: Brown University

Quotation Number: 30-927564627

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)	
resub-S3MH1	SFL05965	Fresh Frozen Tissue	44	32.80	1443.20	1.89	0.76	NA	NA	21.40	941.60	NA	9.7	82.04	
resub-S3MH2	SFL05966	Fresh Frozen Tissue	44	35.40	1557.60	1.97	0.94	NA	NA	23.40	1029.60	NA	9.6	82.78	
resub-S3MH3	SFL05967	Fresh Frozen Tissue	44	19.80	871.20	2.13	0.78	NA	NA	13.30	585.20	NA	9.7	77.49	
resub-S3FH2	SFL05968	Fresh Frozen Tissue	44	68.00	2992.00	2.01	1.43	NA	NA	49.00	2156.00	NA	10.0	86.52	

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%