

University of Minnesota Genomics Center

QC Request - Internal

www.genomics.umn.edu

Drop-off Locations: 1-210 CCRB & Self-Kiosk in 20 Snyder Hall Questions: 612-625-7736 umgc-qc@umn.edu

*Please send this form electronically to umgc-qc@umn.edu and include a physical copy with your samples



NanoDrop		Fluorometric Quantitation		Agilent		NGS Library QC	
		DNA		DNA		KAPA QC \$89.63/sample	
Priority (1 day)	\$12.31/ sample	*Priority (1 day)	\$28.77/ sample	Priority (0-1 days)	\$54.99/ sample	Priority (2-3 days)	\$117.80/ sample
Speed (2-3 days)	\$4.88/ sample	Speed (2-4 days)	\$9.37/ sample	Speed (1-4 days)	\$19.39/ sample	Speed (3-4 days)	\$90.19/ sample
Savings (4-6 days)	\$2.43/ sample	Savings (5-7 days)	\$2.43/ sample	Savings (5-7 days)	\$12.66/ sample	Savings (5-7 days)	\$77.76/ sample
<input type="checkbox"/> DNA <input type="checkbox"/> RNA <input type="checkbox"/> Other		<input type="checkbox"/> *Qubit: 1-16 samples <input type="checkbox"/> PicoGreen: 17+ samples Expected Concentration: _____ *Priority only available for Qubit (less than 17 samples) **Not Required, but helpful for the dilution		Expected Concentration: <input type="checkbox"/> 0.05-1 ng/ul <input type="checkbox"/> 1-50 ng/ul <input type="checkbox"/> >50 ng/ul <input type="checkbox"/> Unsure Expected length (bp): <input type="checkbox"/> <1000 bp <input type="checkbox"/> 1000-10000 bp <input type="checkbox"/> >10000 bp <input type="checkbox"/> Unsure **If unsure, the default DNA assay is D1000		Library Quantitation <input type="checkbox"/> (includes PicoGreen, Agilent analysis, and qPCR Analysis) **Please submit <u>10</u> ul total **KAPA QC is a qPCR-based quantification used to determine the number of amplifiable molecules in an NGS library.	
		RNA		RNA		HMW DNA Sizing	
*Priority (1 day)	\$23.50/ sample	*Priority (1 day)	\$23.50/ sample	Priority (1-2 days)	\$28.53/ sample	Priority (1-2 days)	\$270.90/run
Speed (2-4 days)	\$9.46/ sample	Speed (2-4 days)	\$9.46/ sample	Speed (2-4 days)	\$16.57/ sample	Speed (2-4 days)	\$200.80/run
Savings (5-8 days)	\$2.50/ sample	Savings (5-8 days)	\$2.50/ sample	Savings (5-7 days)	\$11.13/ sample	Savings (5-7 days)	\$170.78/run
**Please provide 2 ul/sample of blanking solution for NanoDrop quantitation. If no blanking solution is provided, water will be used		<input type="checkbox"/> *Qubit: 1-16 samples <input type="checkbox"/> RiboGreen: 17+ samples Expected Concentration: _____ *Priority only available for Qubit (less than 17 samples) **Not Required, but helpful for the dilution		RNA Type: <input type="checkbox"/> Eukaryotic Total RNA <input type="checkbox"/> Prokaryotic Total RNA <input type="checkbox"/> Plant Total RNA <input type="checkbox"/> mRNA <input type="checkbox"/> Unsure Expected Concentration: <input type="checkbox"/> 0.05-10 ng/ul <input type="checkbox"/> 25-500 ng/ul <input type="checkbox"/> >500 ng/ul <input type="checkbox"/> Unsure **If unsure, the default RNA assay is Eukaryotic Total RNA (25-500 ng/ul)		<input type="checkbox"/> (includes PicoGreen and FemtoPulse analysis) **Please submit <u>5</u> ul total	

Submit **4 ul EACH** for Agilent, NanoDrop, Pico/RiboGreen, Submit **10ul Total** for KAPA

If submitting more than 8 samples, they **must be in a plate** (otherwise individual tube transfer fees will apply):

Priority \$12.19; Speed \$7.72; Savings \$5.14 per sample.)

Index/Well ID	Sample ID	Index/Well ID	Sample ID	Index/Well ID	Sample ID	Index/Well ID	Sample ID	Index/Well ID	Sample ID
1/A1		9/A2		17/A3		25/A4		33/A5	
2/B1		10/B2		18/B3		26/B4		34/B5	
3/C1		11/C2		19/C3		27/C4		35/C5	
4/D1		12/D2		20/D3		28/D4		36/D5	
5/E1		13/E2		21/E3		29/E4		37/E5	
6/F1		14/F2		22/F3		30/F4		38/F5	
7/G1		15/G2		23/G3		31/G4		39/G5	
8/H1		16/H2		24/H3		32/H4		40/H5	

Desired Tier (Priority, Speed, or Savings): _____

of Samples: _____

Name: _____

Date: _____

Princ. Invest.: _____

Phone Number: _____

Email Address: _____

Billing information

Fund: _____

DeptID: _____

PCBU/Program: _____

Project: _____

Employee ID and/ or CF1/CF2: _____