Example Agilent 2100 (RNA Nano 6000) traces from controls and total RNA isolated from formalin fixed paraffin embedded tumors, fresh frozen tumour, and cultured cell lines. RIN calculated by indicated version of Agilent 2100 software. All RNA samples are human total RNA.

Sample	RIN	Electropherogram
Ladder	N/A	[FU] 30 - 20 - 10 - 0 - 1 - 1 - 1 - 1 - 25 200 1000 4000 [nt]
H ₂ O	N/A	[FU] 8 - 4 - 4 - 2 - 0
Total RNA from FFPE tissue	1.1 (B.02.06)	[FU] 40 – 30 – 20 – 10 – 25 200 1000 4000 [nt]
Total RNA from FFPE tissue	2.1 (B.02.06)	[FU] 15- 10- 5- 0- 25 200 1000 4000 [nt]
Total RNA from FFPE tissue	2.3 (B.02.06)	[FU] 20- 15- 10- 5- 0

Fresh frozen tissue	2.3 (A.01.01)	[FU] 40 – 30 – 20 – 10 – 20 25 30 35 40 45 50 55 60 65 [s]
Total RNA from FFPE tissue	2.5 (B.02.06)	[FU] 10 – 5 – 0 – 25 200 1000 4000 [nt]
Total RNA from FFPE tissue	2.6 (B.02.06)	[FU] 3- 1- 0- 25 200 1000 4000 [nt]
Fresh frozen tissue	2.6 (A.01.01)	[FU] 60- 40- 20- 0- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
Total RNA from FFPE tissue	2.9 (B.02.06)	[FU] 6- 4- 2- 0- 25 200 1000 4000 [nt]

Total RNA from FFPE tissue	3.3 (A.01.01)	[FU] 10 - 5 - 0 - 1000 4000 [nt]
Fresh frozen tissue	3.3 (A.01.01)	[FU] 20 0 25 200 1000 4000 [nt]
Total RNA from FFPE tissue	3.7 (A.01.01)	[FU] - 10 - 5 - 0 - 1000 4000 [nt]
Fresh frozen tissue	4.3 (B.02.06)	[FU] 10- 5- 0- 25 200 1000 4000 [nt]
Fresh frozen tissue	4.7 (B.02.03)	[FU] 10- 5- 0 - 1000 4000 [nt]
Fresh frozen tissue	4.9 (A.01.01)	[FU] - 15 - 10 - 15 - 10 - 10 - 10 - 10 - 10

Fresh frozen tissue	5.4 (A.01.01)	[FU] 15- 10- 5- 0 25 200 1000 4000 [nt]
Fresh frozen tissue	5.7 (B.02.03)	[FU] 30 - 20 - 10 - 0 - 25 200 1000 4000 [nt]
Fresh frozen tissue	6.0 (A.01.01)	[FU] 20 - 15 - 10 - 5 - 25 200 1000 4000 [nt]
Fresh frozen tissue	6.3 (A.01.01)	[FU] - 400 - 300 - 200 - 100 - 4000 [nt]
Fresh frozen tissue	6.5 (B.02.03)	[FU]

Fresh frozen tissue	6.6 (B.02.03)	[FU] 40 - 20 - 0
Fresh frozen tissue	6.8 (A.01.01)	[FU]
Fresh frozen tissue	7.1 (B.02.06)	[FU] 20 - 15 - 10 - 5 - 0 - 25 200 1000 4000 [nt]
Fresh frozen tissue	7.6 (A.01.01)	[FU] 15- 10- 5- 0- 25 200 1000 4000 [nt]
Fresh frozen tissue	8.7 (A.01.01)	[FU] 60 – 40 – 20 – 0 – 1000 4000 [nt]

Fresh frozen tissue	8.1 (B.02.03)	[FU]
Fresh frozen tissue	8.5 (A.01.01)	[FU]
Fresh frozen tissue	8.7 (B.02.06)	[FU] 150 – 100 – 50 – 0 – 100 – 1000 – 1000 [nt]
Cultured cells	9.3 (B.02.02)	[FU] 15- 10- 5- 0 [nt]
Cultured cells	9.8 (B.02.03)	After ~2-fold concentration 100 -

Cultured cells	9.9 (B.02.03)	[FU] 80 - 40 - 20 - 0 - 25 200 1000 4000 [nt]
Cultured cells	10.0 (B.02.06)	[FU] 150 - 100 - 50 - 0 - 25 200 1000 4000 [nt]