

Rat Hepatocytes RNA extraction (4hrs tox)

09/16/13

Sample	Tube #	Spec Read	Notes
1-1 well 1 HFX4 Plate 1	RHFX1-1A	100.8 ng/ul	
1-1 well 1 HFX4 Plate 1	RHFX1-1B	123.4 ng/ul	
1-2 well 2 HFX4 Plate 1	RHFX1-2A	88.4 ng/ul	
1-2 well 2 HFX4 Plate 1	RHFX1-2B	138.3 ng/ul	
1-3 well 3 HFX4 Plate 1	RHFX1-3A	85.7 ng/ul	
1-3 well 3 HFX4 Plate 1	RHFX1-3B	62.4 ng/ul	
1-4 well 4 HFX4 Plate 1	RHFX1-4A	26.8 ng/ul	
1-4 well 4 HFX4 Plate 1	RHFX1-4B	64.4 ng/ul	
1-5 well 5 HFX7 Plate 1	RHFX1-5A	51.5 ng/ul	
1-5 well 5 HFX7 Plate 1	RHFX1-5B	85.8 ng/ul	
1-6 well 6 HFX7 Plate 1	RHFX1-6A	98.1 ng/ul	
1-6 well 6 HFX7 Plate 1	RHFX1-6B	68.2 ng/ul	
2-1 well 1 + control Plate 2	RHFX2-1A	21.6 ng/ul	
2-1 well 1 + control Plate 2	RHFX2-1B	30.3 ng/ul	
2-2 well 2 + control Plate 2	RHFX2-2A	37.3 ng/ul	
2-2 well 2 + control Plate 2	RHFX2-2B	38.0 ng/ul	
2-3 well 3 + control Plate 3	RHFX2-3A	35.4 ng/ul	
2-3 well 3 + control Plate 3	RHFX2-3B	40.0 ng/ul	

RT qPCR HFX with Rat Hepatocytes 4hr tox - Rat cell junction pathway finder
(Perm-2132A)

RHFX1-1B Plate 1, well 1 HFX4

$$\frac{0.5 \text{ ng} \times 1 \mu\text{L}}{123.4 \text{ ng}} = 0.85$$