

RNA - DNA Report

Report time 2009-08-10 20:34:02
 Batch name
 Application RNA - DNA Estimation 3.00(184)
 Operator

Instrument Settings

Instrument Cary 50
 Instrument version no. 3,00
 Ordinate Mode Abs
 Ave Time (sec) 1,0000
 Replicates 3
 Wavelength 1 (nm) 260,0
 Wavelength 2 (nm) 280,0
 Background Correction ON
 Background Wavelength (nm) 320,0
 Protein Factor for 260,0 (P1) 757,3000
 Protein Factor for 280,0 (P2) 1552,0000
 Nucleic Factor for 260,0 (N1) 62,9000
 Nucleic Factor for 280,0 (N2) -36,0000

Ratio = (A[260,0] - Bg[320,0]) / (A[280,0] - Bg[320,0])
 Protein Conc = ((A[280,0] - Bg[320,0]) * P2) - ((A[260,0] - Bg[320,0]) * P1)
 Nucleic Acid Conc = ((A[260,0] - Bg[320,0]) * N1) + ((A[280,0] - Bg[320,0]) * N2)

Analysis

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Sample	A[260]	A[280]	Bg[320]	Ratio	Protein	Nucleic Acid	SD
%RSD Mean					µg/ml	µg/ml	
adh2 z	0,0084	0,0084	0,0045	0,9918	3,1192	0,1027	
	0,0088	0,0060	0,0031	1,9589	0,2021	0,2573	
	0,0073	0,0052	0,0021	1,6929	0,8359	0,2182	0,4996
32,28 1,5479							
pirB	0,0159	0,0134	0,0093	1,6108	1,3571	0,2669	
	0,0162	0,0132	0,0100	1,9241	0,3071	0,2752	
	0,0163	0,0133	0,0097	1,8396	0,5684	0,2852	0,1621
9,05 1,7915							
PpetE	0,0109	0,0091	0,0069	1,7878	0,4401	0,1698	
	0,0115	0,0089	0,0066	2,1303	-0,1413	0,2259	
	0,0110	0,0092	0,0065	1,7035	0,6947	0,1887	0,2260
12,06 1,8739							
PDC	0,0189	0,0193	0,0175	0,7495	1,8002	0,0204	
	0,0217	0,0195	0,0173	2,0171	0,0529	0,1966	
	0,0211	0,0194	0,0164	1,5692	1,0683	0,1842	0,6428
44,48 1,4452							