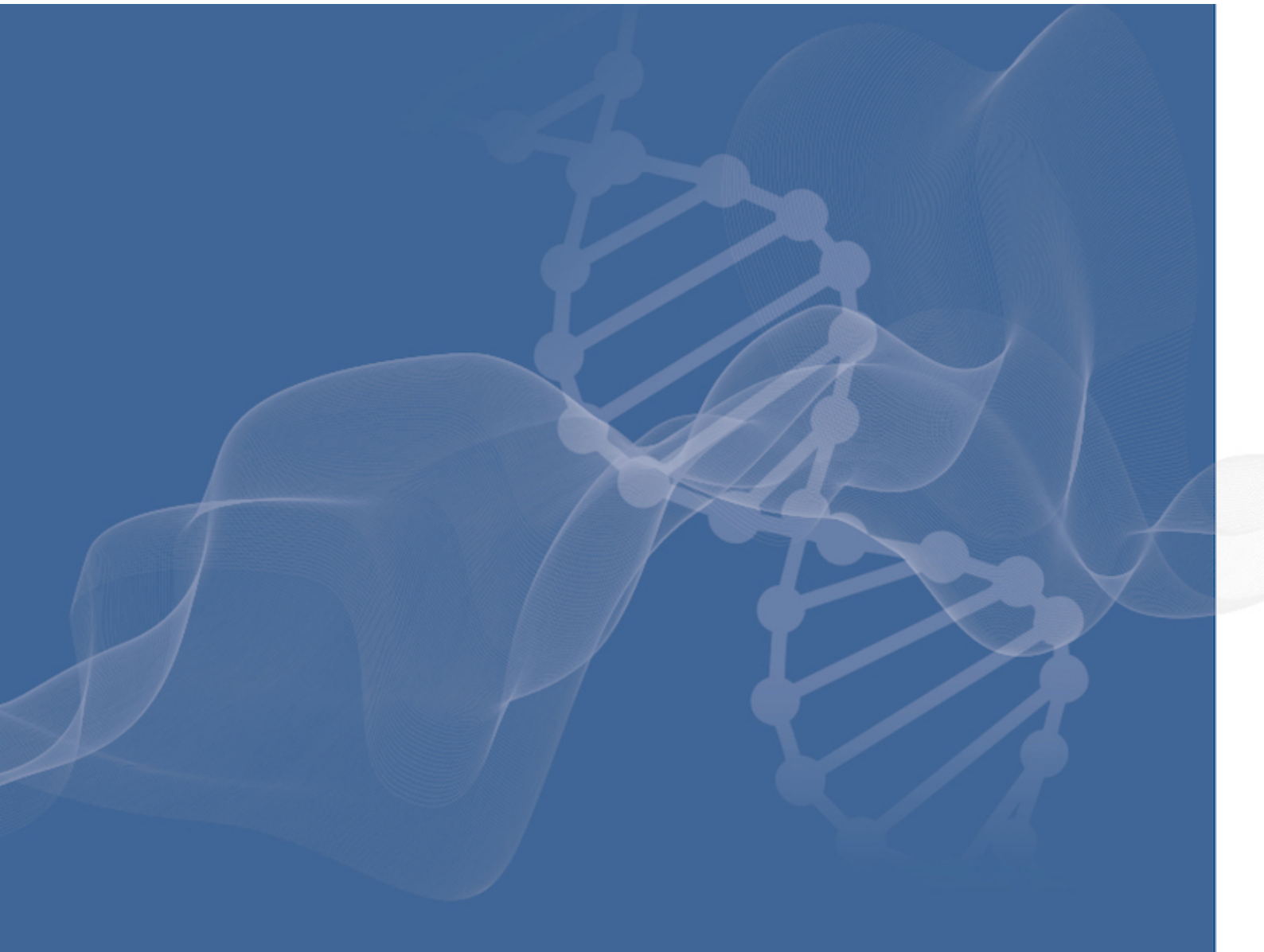


Plate Results Report

WL_OtagoHarbour-Undaria_180724.eds



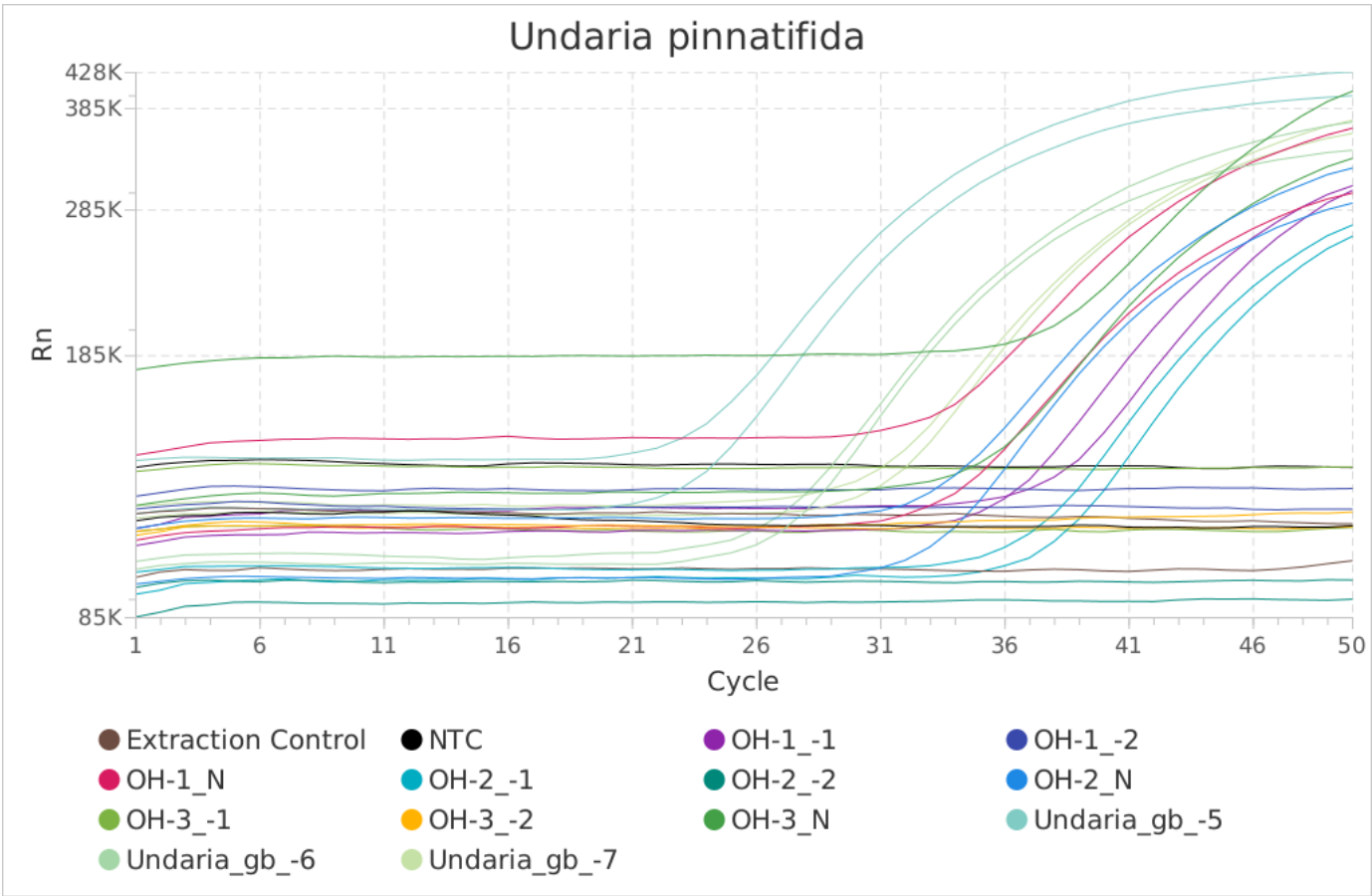
Well Table

Well	Sample	Target	Task	Cq	Cq Confidence	Amp Score	Amp Status	Cq Threshold	Baseline Start/End
A1	OH-1_N	Undaria pinnatifida	Unknown	34.146	0.914	2.387	AMP	15,800.147	3-28
A2	OH-2_N	Undaria pinnatifida	Unknown	34.088	0.954	2.368	AMP	15,800.147	3-25
A3	OH-3_N	Undaria pinnatifida	Unknown	38.02	0.916	2.442	AMP	15,800.147	3-30
B1	OH-1_N	Undaria pinnatifida	Unknown	34.695	0.94	2.37	AMP	15,800.147	3-28
B2	OH-2_N	Undaria pinnatifida	Unknown	33.969	0.972	2.37	AMP	15,800.147	3-25
B3	OH-3_N	Undaria pinnatifida	Unknown	35.859	0.941	2.399	AMP	15,800.147	3-27
C1	OH-1_1	Undaria pinnatifida	Unknown	38.858	0.913	2.403	AMP	15,800.147	3-32
C2	OH-2_1	Undaria pinnatifida	Unknown	37.644	0.979	2.38	AMP	15,800.147	3-25
C3	OH-3_1	Undaria pinnatifida	Unknown	Undetermined	-	-	NO_AMP	15,800.147	3-49
D1	OH-1_1	Undaria pinnatifida	Unknown	36.828	0.943	2.395	AMP	15,800.147	3-28
D2	OH-2_1	Undaria pinnatifida	Unknown	38.816	0.938	2.387	AMP	15,800.147	3-32
D3	OH-3_1	Undaria pinnatifida	Unknown	Undetermined	-	0.976	NO_AMP	15,800.147	3-49
E1	OH-1_2	Undaria pinnatifida	Unknown	Undetermined	-	-	NO_AMP	15,800.147	3-49
E2	OH-2_2	Undaria pinnatifida	Unknown	Undetermined	-	-	NO_AMP	15,800.147	3-49
E3	OH-3_2	Undaria pinnatifida	Unknown	Undetermined	-	-	NO_AMP	15,800.147	3-49
F1	OH-1_2	Undaria pinnatifida	Unknown	Undetermined	-	-	NO_AMP	15,800.147	3-49
F2	OH-2_2	Undaria pinnatifida	Unknown	Undetermined	-	-	NO_AMP	15,800.147	3-49
F3	OH-3_2	Undaria pinnatifida	Unknown	Undetermined	-	1.478	NO_AMP	15,800.147	3-49
G1	NTC	Undaria pinnatifida	Negative Control	Undetermined	-	-	NO_AMP	15,800.147	3-49
G2	Extraction Control	Undaria pinnatifida	Negative Control	Undetermined	-	1.632	NO_AMP	15,800.147	3-49
G3	Undaria_gb_5	Undaria pinnatifida	Standard	24.119	0.906	2.425	AMP	15,800.147	3-18
G4	Undaria_gb_6	Undaria pinnatifida	Standard	27.824	0.96	2.39	AMP	15,800.147	3-21
G5	Undaria_gb_7	Undaria pinnatifida	Standard	31.725	0.981	2.403	AMP	15,800.147	3-23
H1	NTC	Undaria pinnatifida	Negative Control	Undetermined	-	-	NO_AMP	15,800.147	3-49
H2	Extraction Control	Undaria pinnatifida	Negative Control	Undetermined	-	1.234	NO_AMP	15,800.147	3-49
H3	Undaria_gb_5	Undaria pinnatifida	Standard	23.959	0.89	2.431	AMP	15,800.147	3-17
H4	Undaria_gb_6	Undaria pinnatifida	Standard	27.344	0.805	2.388	AMP	15,800.147	3-21
H5	Undaria_gb_7	Undaria pinnatifida	Standard	31.127	0.887	2.398	AMP	15,800.147	3-21

Replicate Group Table

Sample	Target	No. of Replicates	Cq Mean	Cq SD
Undaria_gb_5	Undaria pinnatifida	2	24.039	0.113
NTC	Undaria pinnatifida	2	-	-
Undaria_gb_7	Undaria pinnatifida	2	31.426	0.423
Extraction Control	Undaria pinnatifida	2	-	-
OH-2_1	Undaria pinnatifida	2	38.23	0.829
OH-3_N	Undaria pinnatifida	2	36.94	1.528
OH-1_N	Undaria pinnatifida	2	34.42	0.388
OH-2_2	Undaria pinnatifida	2	-	-
OH-2_N	Undaria pinnatifida	2	34.028	0.084
Undaria_gb_6	Undaria pinnatifida	2	27.584	0.34
OH-3_2	Undaria pinnatifida	2	-	-
OH-1_1	Undaria pinnatifida	2	37.843	1.435
OH-1_2	Undaria pinnatifida	2	-	-
OH-3_1	Undaria pinnatifida	2	-	-

Amplification Plot (Rn)



Run Method

Block Type 96-Well 0.1-mL Block

Sample Volume 20.0

Cover Temperature 105.0

Run mode STANDARD

Stage	Collection Flag	Ramp Rate	Temperature	Hold Time	Starting Cycle	Auto Delta Temperature	Auto Delta Hold Time
Hold Stage	false	1.6°C/sec	95.0°C	180	-	-	-
PCR Stage (50 cycles)	false	1.6°C/sec	95.0°C	15	-	-	-
	true	1.6°C/sec	61.0°C	15	-	-	-
	true	1.6°C/sec	72.0°C	30	-	-	-

Standard Curve Settings

Standard Curve On Plate

Standard Curve Results

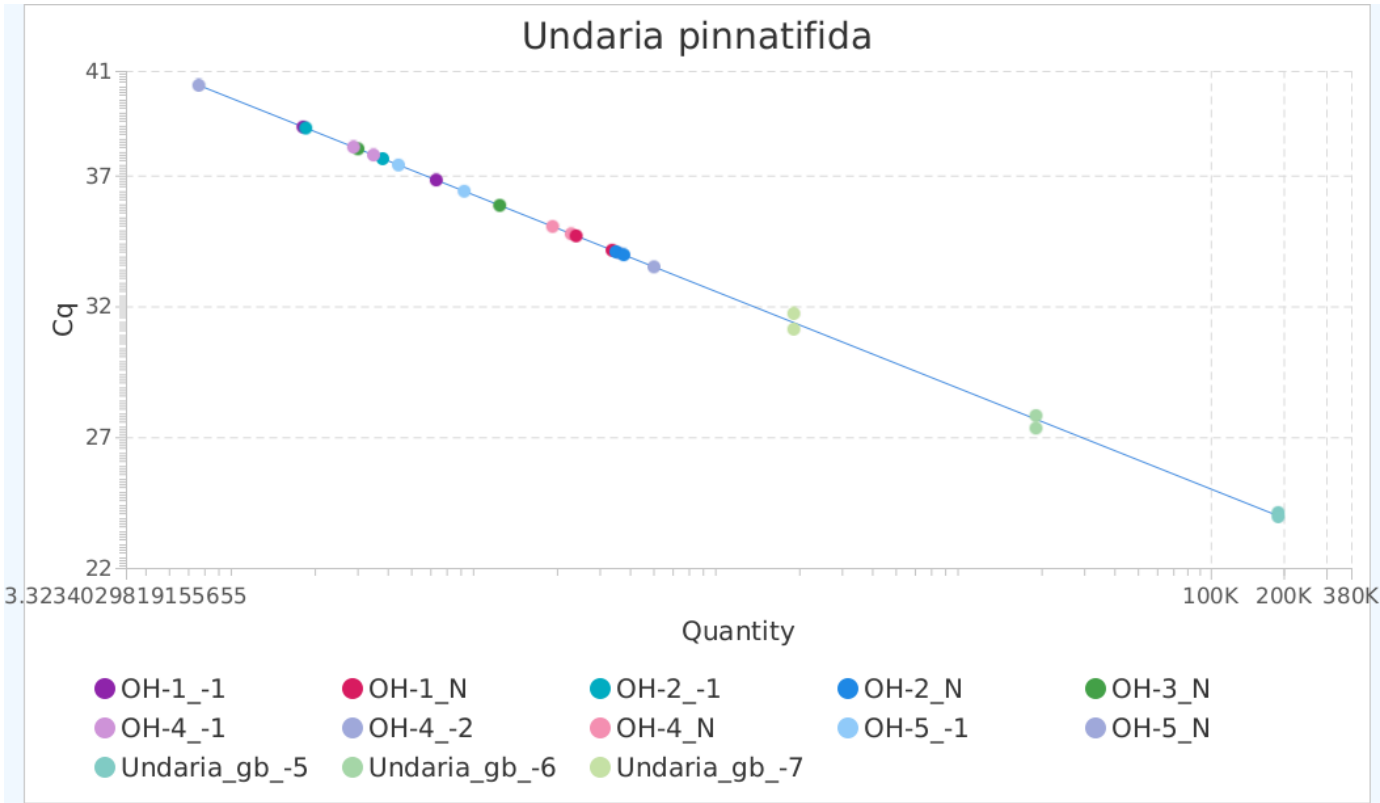
Well	Sample	Sample Type	Target	Dyes	Task	Cq	Quantity
A1	OH-1_N	Unknown	Undaria pinnatifida	FAM	Unknown	34.146	3.3813e+2
A2	OH-2_N	Unknown	Undaria pinnatifida	FAM	Unknown	34.088	3.5056e+2
A3	OH-3_N	Unknown	Undaria pinnatifida	FAM	Unknown	38.02	3.0204e+1
A4	OH-4_N	Unknown	Undaria pinnatifida	FAM	Unknown	35.054	1.9192e+2
A5	OH-5_N	Unknown	Undaria pinnatifida	FAM	Unknown	33.508	5.0316e+2
B1	OH-1_N	Unknown	Undaria pinnatifida	FAM	Unknown	34.695	2.4007e+2
B2	OH-2_N	Unknown	Undaria pinnatifida	FAM	Unknown	33.969	3.7748e+2
B3	OH-3_N	Unknown	Undaria pinnatifida	FAM	Unknown	35.859	1.1617e+2
B4	OH-4_N	Unknown	Undaria pinnatifida	FAM	Unknown	34.77	2.2905e+2
B5	OH-5_N	Unknown	Undaria pinnatifida	FAM	Unknown	34.044	3.6027e+2
C1	OH-1_-1	Unknown	Undaria pinnatifida	FAM	Unknown	38.858	1.7917e+1
C2	OH-2_-1	Unknown	Undaria pinnatifida	FAM	Unknown	37.644	3.8175e+1
C3	OH-3_-1	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
C4	OH-4_-1	Unknown	Undaria pinnatifida	FAM	Unknown	38.089	2.8928e+1
C5	OH-5_-1	Unknown	Undaria pinnatifida	FAM	Unknown	37.403	4.4366e+1
D1	OH-1_-1	Unknown	Undaria pinnatifida	FAM	Unknown	36.828	6.3508e+1
D2	OH-2_-1	Unknown	Undaria pinnatifida	FAM	Unknown	38.816	1.8388e+1
D3	OH-3_-1	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
D4	OH-4_-1	Unknown	Undaria pinnatifida	FAM	Unknown	37.784	3.5003e+1
D5	OH-5_-1	Unknown	Undaria pinnatifida	FAM	Unknown	36.401	8.2891e+1
E1	OH-1_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
E2	OH-2_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
E3	OH-3_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
E4	OH-4_-2	Unknown	Undaria pinnatifida	FAM	Unknown	40.448	6.6468e+0
E5	OH-5_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
F1	OH-1_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
F2	OH-2_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
F3	OH-3_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
F4	OH-4_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-
F5	OH-5_-2	Unknown	Undaria pinnatifida	FAM	Unknown	-	-

Well	Sample	Sample Type	Target	Dyes	Task	Cq	Quantity
G1	NTC	Negative Control	Undaria pinnatifida	FAM	Negative Control	-	-
G2	Extraction Control	Negative Control	Undaria pinnatifida	FAM	Negative Control	-	-
G3	Undaria_gb_-5	Standard	Undaria pinnatifida	FAM	Standard	24.119	1.9000e+5
G4	Undaria_gb_-6	Standard	Undaria pinnatifida	FAM	Standard	27.824	1.9000e+4
G5	Undaria_gb_-7	Standard	Undaria pinnatifida	FAM	Standard	31.725	1.9000e+3
H1	NTC	Negative Control	Undaria pinnatifida	FAM	Negative Control	-	-
H2	Extraction Control	Negative Control	Undaria pinnatifida	FAM	Negative Control	-	-
H3	Undaria_gb_-5	Standard	Undaria pinnatifida	FAM	Standard	23.959	1.9000e+5
H4	Undaria_gb_-6	Standard	Undaria pinnatifida	FAM	Standard	27.344	1.9000e+4
H5	Undaria_gb_-7	Standard	Undaria pinnatifida	FAM	Standard	31.127	1.9000e+3

Standard Curve Results - Replicate

Sample	Target	Replication Number	Quantity Mean	Quantity SD
Extraction Control	Undaria pinnatifida	2	-	-
NTC	Undaria pinnatifida	2	-	-
OH-1_-1	Undaria pinnatifida	2	4.0713e+1	3.2238e+1
OH-1_-2	Undaria pinnatifida	2	-	-
OH-1_N	Undaria pinnatifida	2	2.8910e+2	6.9338e+1
OH-2_-1	Undaria pinnatifida	2	2.8281e+1	1.3992e+1
OH-2_-2	Undaria pinnatifida	2	-	-
OH-2_N	Undaria pinnatifida	2	3.6402e+2	1.9032e+1
OH-3_-1	Undaria pinnatifida	2	-	-
OH-3_-2	Undaria pinnatifida	2	-	-
OH-3_N	Undaria pinnatifida	2	7.3185e+1	6.0784e+1
OH-4_-1	Undaria pinnatifida	2	3.1966e+1	4.2956e+0
OH-4_-2	Undaria pinnatifida	2	-	-
OH-4_N	Undaria pinnatifida	2	2.1048e+2	2.6259e+1
OH-5_-1	Undaria pinnatifida	2	6.3629e+1	2.7241e+1
OH-5_-2	Undaria pinnatifida	2	-	-
OH-5_N	Undaria pinnatifida	2	4.3171e+2	1.0104e+2

Standard Curve Plot



- End of Report -