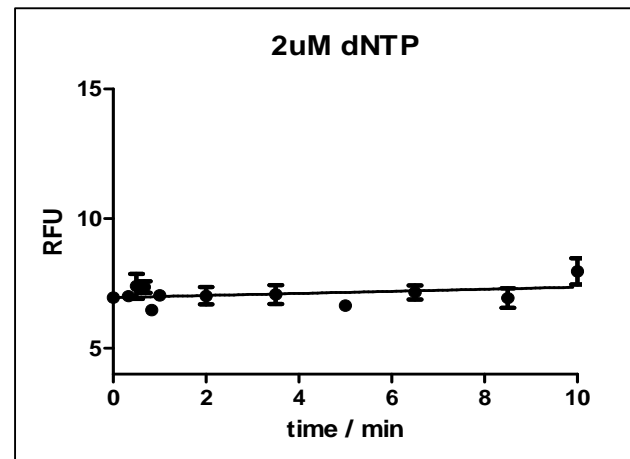
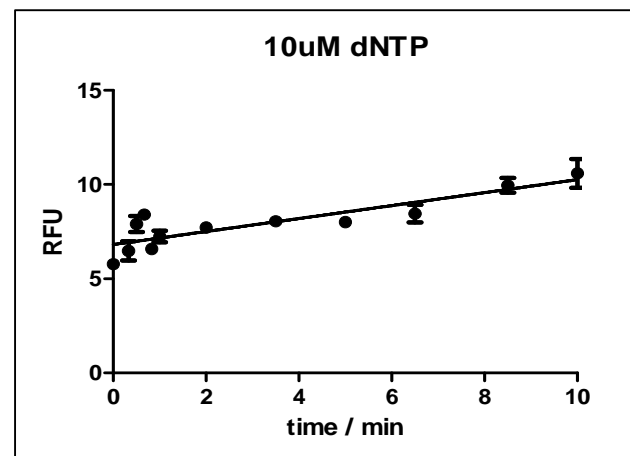


Temperature / °C      75 °C  
 [E]0 / nM                1  
 [SP]0 / nM                200

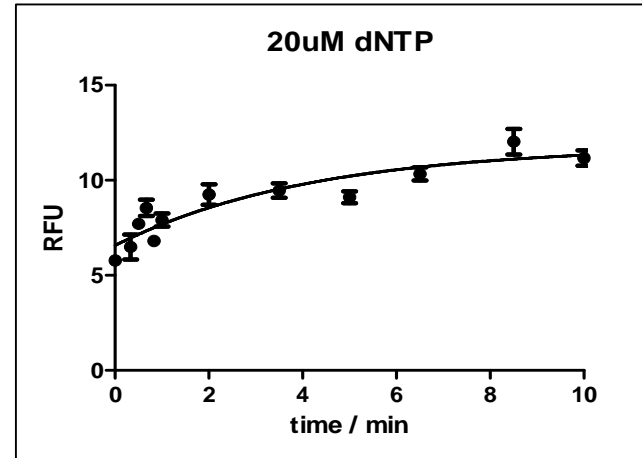
[N]0 / uM	2			
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/nM	experimental StDev/nM	
0	5038.029516	5038.512433	159.6985852	
20	5038.321151	5077.628694	139.6830061	
30	5052.611283	5356.754604	602.7637424	
40	5057.569082	5333.333139	275.4963102	
50	5062.235248	4685.74171	243.3915044	
60	5067.19305	5097.911199	128.2294154	
120	5096.356584	5086.562654	419.3118911	
210	5140.101871	5125.195998	459.6629171	
300	5183.847186	4814.439038	67.00503229	
390	5227.300838	5182.663098	339.6619438	
510	5285.627906	5023.300554	470.5508812	
600	5329.373221	5767.475342	631.394279	



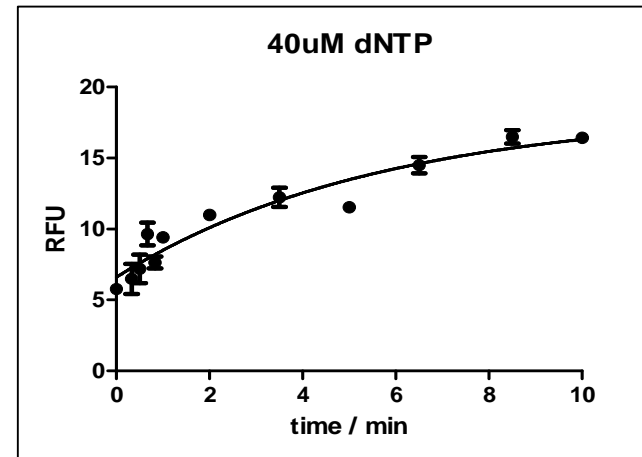
[dNTP]/uM	10			
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/nM	experimental StDev/nM	
0	4939.591273	4994.808462	318.6529167	
20	4942.085296	4695.641505	648.7807482	
30	5064.330131	5730.04929	531.4220729	
40	5106.74085	6085.958972	191.8901671	
50	5146.657545	4763.491315	246.5462897	
60	5189.068265	5248.098324	378.399211	
120	5438.545257	5592.659461	357.4410567	
210	5812.758209	5834.359319	237.6042673	
300	6186.968989	5803.211186	115.3880658	
390	6558.682123	6123.385024	578.6140848	
510	7057.623068	7216.467201	486.3338426	
600	7431.821533	7671.374826	960.6920323	



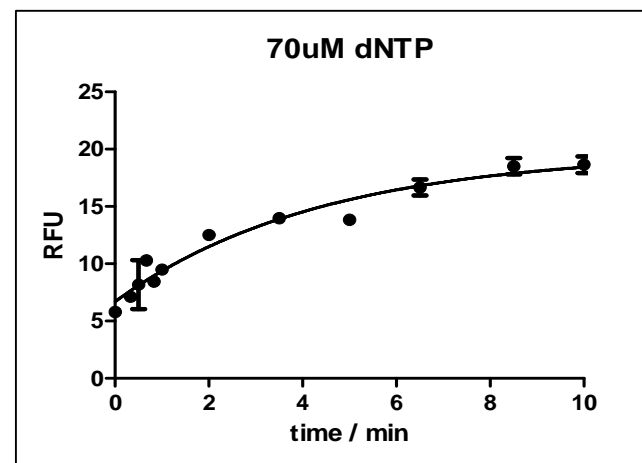
[dNTP]/ $\mu$ M	20		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/nM	experimental StDev/nM
0	4756.441696	4955.450743	443.7192793
20	4765.489142	4700.712131	822.561876
30	5183.35222	5583.484042	341.8997229
40	5317.263841	6192.200668	538.851573
50	5438.42501	4929.373236	154.6791255
60	5562.183064	5727.876165	440.9067409
120	6196.656058	6694.675598	670.9368633
210	6904.71181	6850.416266	464.2838189
300	7399.470937	6598.333697	396.2425042
390	7743.26665	7487.866442	426.6791293
510	8048.677722	8711.819072	844.0240455
600	8198.826214	7573.101258	938.2673263



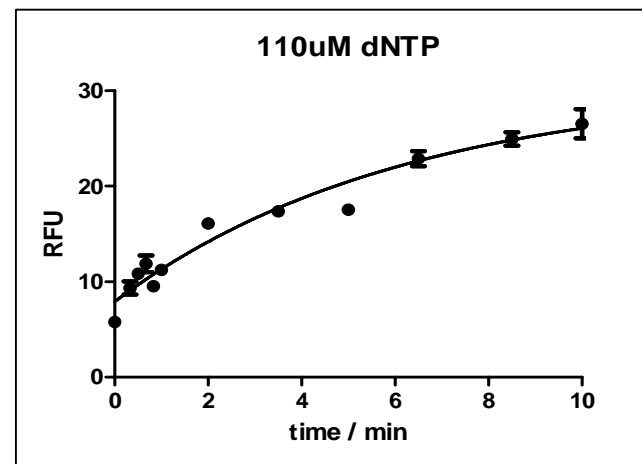
[dNTP]/ $\mu$ M	40		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/nM	experimental StDev/nM
0	4781.342093	5226.849985	477.3211188
20	4796.347526	4696.36588	1321.238191
30	5499.957786	5204.152895	1255.375939
40	5730.128006	6984.908595	1009.962271
50	5940.510468	5538.814238	519.1083812
60	6157.597748	6818.543758	304.4453398
120	7310.198937	7965.712616	222.1286049
210	8697.623733	8854.279528	861.1335493
300	9760.992039	8347.216888	301.668427
390	10571.23467	10498.61123	736.6341382
510	11371.20567	11949.77622	581.8646467
600	11810.1046	10138.83822	1539.912186



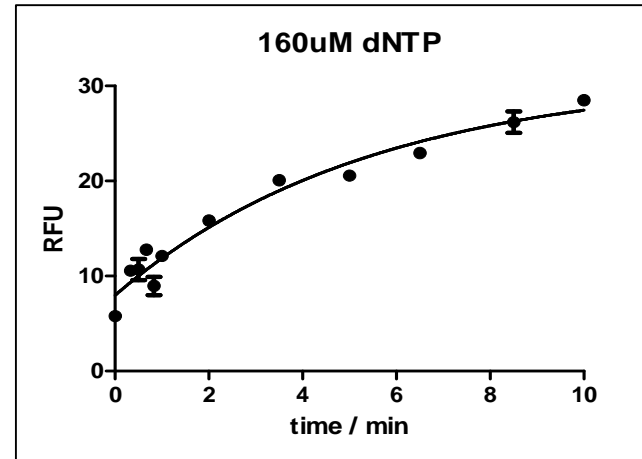
[dNTP]/uM	70		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	4845.368893	5303.875214	345.3705185
20	4867.035679	5148.376005	588.1151944
30	5870.091782	5115.779121	2081.027245
40	6192.576377	7441.264971	338.6183538
50	6484.819032	6122.660649	291.6321721
60	6783.799101	6867.076896	139.8925869
120	8324.968911	9066.76292	243.1067636
210	10065.30206	10112.27779	325.3243137
300	11299.07239	10032.59652	480.2776922
390	12168.82969	12065.67625	882.1430756
510	12954.30594	13408.18495	882.2223819
600	13347.16359	13509.59748	895.0358397



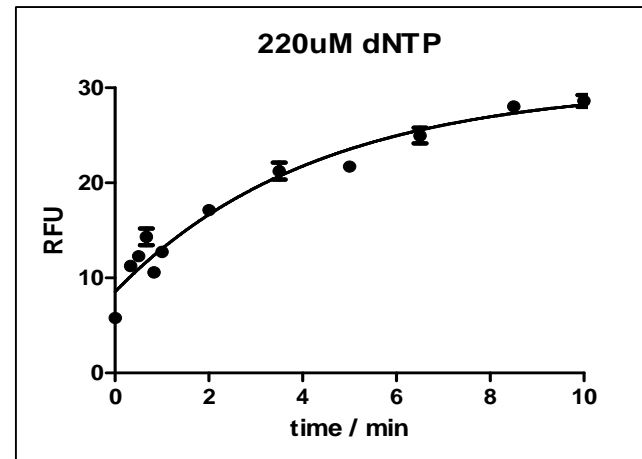
[dNTP]/uM	110		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	5731.0045	5954.847061	202.997453
20	5757.618769	6770.493536	866.998541
30	7010.084497	7852.468626	663.1299221
40	7421.810668	8605.577376	1098.545501
50	7799.050785	6906.917532	436.1623026
60	8189.264461	8132.318912	250.3377531
120	10278.52914	11645.53863	642.8736377
210	12839.40554	12570.3243	629.8455208
300	14845.88863	12039.11582	1143.205443
390	16408.74261	16585.7775	976.4119129
510	17991.28511	18080.40499	888.1501673
600	18882.47668	19222.50322	1906.033824



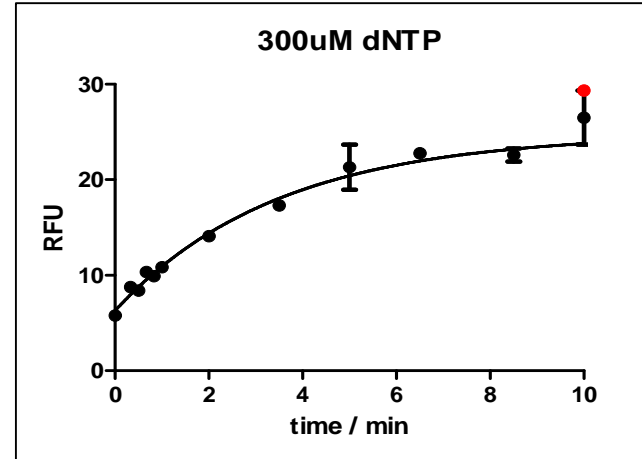
[dNTP]/ $\mu$ M			160
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	5772.226519	5873.234122	311.3119883
20	5803.16893	7654.23128	202.868169
30	7251.343452	7739.949012	1422.207911
40	7723.875126	9235.7838	621.9510946
50	8155.247802	6491.850542	1207.917964
60	8599.804106	8772.183672	214.3954806
120	10949.93079	11478.93234	442.4226918
210	13752.45875	14555.11235	98.34799523
300	15876.01536	14890.73953	700.9741545
390	17475.77626	16609.92334	661.6444822
510	19034.7331	18966.55732	1419.670674
600	19878.55053	20637.44945	453.1254938



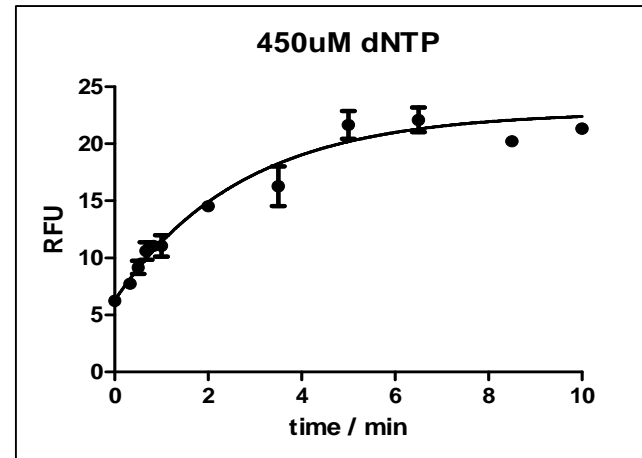
[dNTP]/ $\mu$ M			220
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	6177.628895	6311.239659	191.7068695
20	6214.464098	8156.464752	266.2510001
30	7917.899024	8892.912872	482.258377
40	8464.766081	10373.05286	1096.944209
50	8959.999674	7671.133368	490.9212099
60	9466.279989	9228.540048	656.0696219
120	12069.68446	12408.54718	570.7414672
210	14993.95816	15390.55842	1112.955605
300	17053.65385	15723.77101	418.9077084
390	18496.29777	18087.64874	1036.540161
510	19789.5393	20309.06602	463.6755776
600	20431.38643	20726.78906	774.5171034



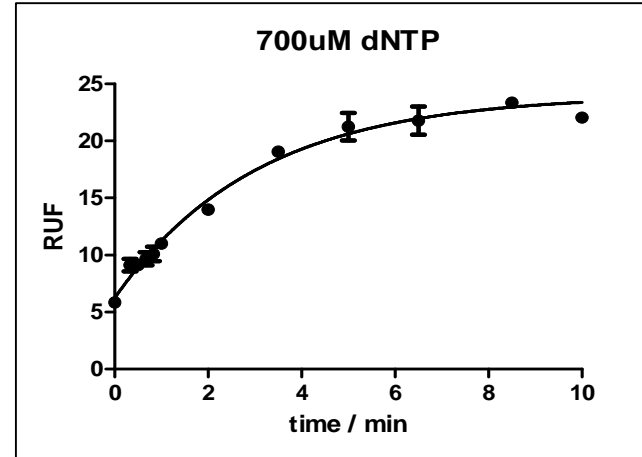
[dNTP]/uM	300		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	4555.247208	4188.578865	92.72096879
20	4593.804976	6345.526752	198.9211325
30	6353.497777	6077.025011	269.7870578
40	6908.322096	7490.763943	612.1133315
50	7406.301795	7161.897602	554.2312953
60	7910.887072	7857.056336	171.7752096
120	10427.82287	10206.44657	442.0469612
210	13074.48703	12543.76388	668.9922965
300	14793.75535	14361.94563	2529.245333
390	15904.62094	16479.5358	332.503209
510	16812.85705	16361.22118	852.4986227
600	17222.17974	20635.03486	3234.433283



[dNTP]/uM	450		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	4551.321819	4516.237914	291.3045243
20	4595.418884	5602.317797	410.6197989
30	6568.346012	6637.932874	711.68908
40	7173.582499	7685.86233	959.7275246
50	7709.539741	8011.589712	434.0814986
60	8245.345589	8008.93367	1170.936397
120	10798.86958	10525.17166	387.5915026
210	13230.27116	10805.2634	2116.171779
300	14627.6706	15689.96683	1510.647965
390	15426.77959	16003.86275	1349.290194
510	15995.6097	15709.2835	2916.069815
600	16216.98601	18908.6073	3016.466839



[dNTP]/ $\mu$ M	700		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	4518.242501	4233.973044	324.9846184
20	4560.702478	6603.404323	678.050399
30	6478.725588	6596.884946	386.6962872
40	7075.0059	6999.396099	711.3977919
50	7606.497369	7317.396812	806.8766981
60	8141.318067	7972.956368	212.716491
120	10747.00432	9853.917304	486.0516209
210	13350.2784	13055.65569	650.5814193
300	14938.05089	15388.14383	1510.202137
390	15901.45542	15772.06269	1542.108434
510	16634.82736	17327.05478	709.887696
600	16941.33223	18244.5967	1969.132853



[dNTP]/ $\mu$ M	1000		
time / sec	fitted [dsDNA]/nM	experimental [dsDNA]/n	experimental StDev/nM
0	4670.109935	4572.014804	162.3995779
20	4714.059227	6220.934218	367.5802679
30	6709.544848	6754.315823	764.0095958
40	7334.284412	7505.251447	910.670431
50	7893.074686	8513.823184	353.5613935
60	8457.305016	8238.560608	739.0875575
120	11238.7102	10653.14461	494.8247941
210	14089.30047	13280.212	489.1723121
300	15883.43296	15190.14794	459.1076074
390	17006.7071	16605.09417	822.7427033
510	17892.7556	18114.20917	261.6121258
600	18277.27568	19642.64084	1492.746135

