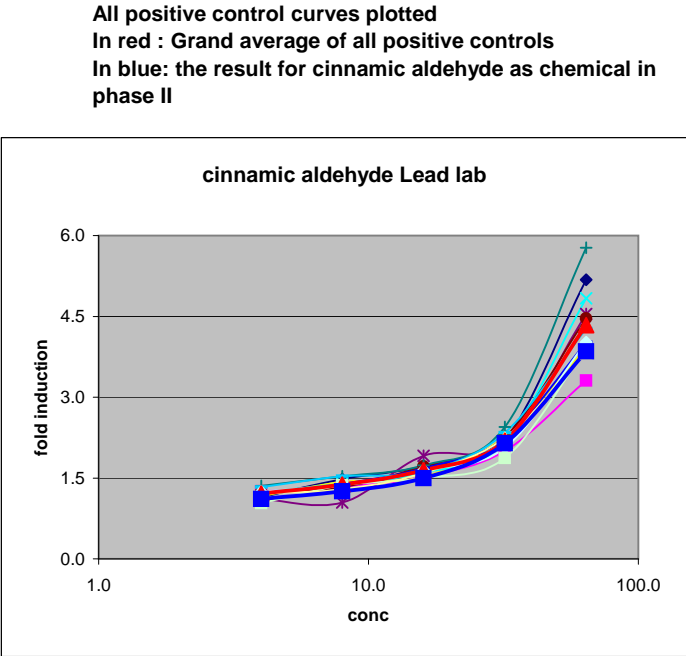
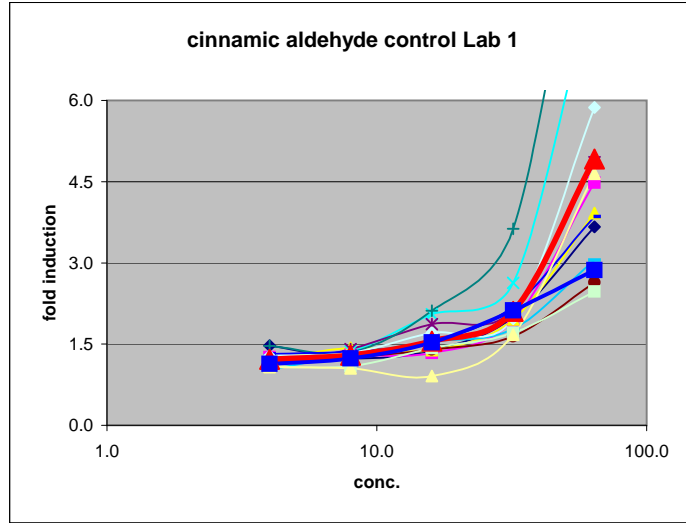


Attachement 17 b: BL variability of DMSO control and positive control cinnamic aldehyde

Lead Lab		Positive control cinnamic aldehyde				DMSO control values	
		fold induction at 64 uM	EC 1.5	Criteria EC 1.5 = 7-30 uM	Criteria lmax = 2-8 fold	% stdev blanks	
comp 1 - 7	rep1	5.2	8.8	TRUE	TRUE	13.4	ACCEPTED
	rep2	3.3	15.1	TRUE	TRUE	8.8	ACCEPTED
	rep3	3.9	14.0	TRUE	TRUE	17.7	ACCEPTED
comp 8 - 14	rep1	4.8	12.0	TRUE	TRUE	13.1	ACCEPTED
	rep2	4.5	12.2	TRUE	TRUE	14.1	ACCEPTED
	rep3	4.5	11.5	TRUE	TRUE	10.3	ACCEPTED
comp 15 - 21	rep1	5.8	7.3	TRUE	TRUE	16.3	ACCEPTED
	rep2	4.0	10.7	TRUE	TRUE	9.9	ACCEPTED
	rep3	4.3	7.4	TRUE	TRUE	13.1	ACCEPTED
comp 22 - 28	rep1	4.0	11.6	TRUE	TRUE	9.5	ACCEPTED
	rep2	3.9	15.7	TRUE	TRUE	14.0	ACCEPTED
	rep3	3.8	13.5	TRUE	TRUE	11.3	ACCEPTED
Grand average		4.3	11.6			12.6	

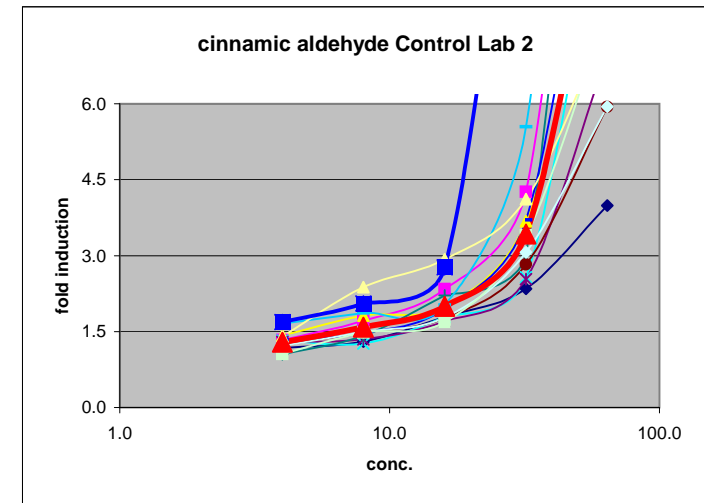


Lab 1		Positive control cinnamic aldehyde				DMSO control values	
		fold induction at 64 uM	EC 1.5	Criteria EC 1.5 = 7-30 uM	Criteria lmax = 2-8 fold	% stdev blanks	
comp 1 - 7	rep1	3.7	19.0	TRUE	TRUE	9.6	ACCEPTED
	rep2	4.5	20.4	TRUE	TRUE	13.0	ACCEPTED
	rep3	3.9	19.1	TRUE	TRUE	11.1	ACCEPTED
comp 8 - 14	rep1	8.3	9.6	TRUE	FALSE	12.1	ACCEPTED
	rep2	4.9	9.6	TRUE	TRUE	16.3	ACCEPTED
	rep3	2.6	22.6	TRUE	TRUE	20.7	NOT ACCEPTED
comp 15 - 21	rep1	11.3	9.6	TRUE	FALSE	18.8	ACCEPTED
	rep2	3.9	13.9	TRUE	TRUE	26.2	NOT ACCEPTED
	rep3	3.1	14.4	TRUE	TRUE	23.7	NOT ACCEPTED
comp 22 - 28	rep1	5.9	11.5	TRUE	TRUE	18.1	ACCEPTED
	rep2	2.5	20.31	TRUE	TRUE	14.3	ACCEPTED
	rep3	4.6	30.1	FALSE	TRUE	12.8	ACCEPTED
Grand average		4.9	16.7			16.4	



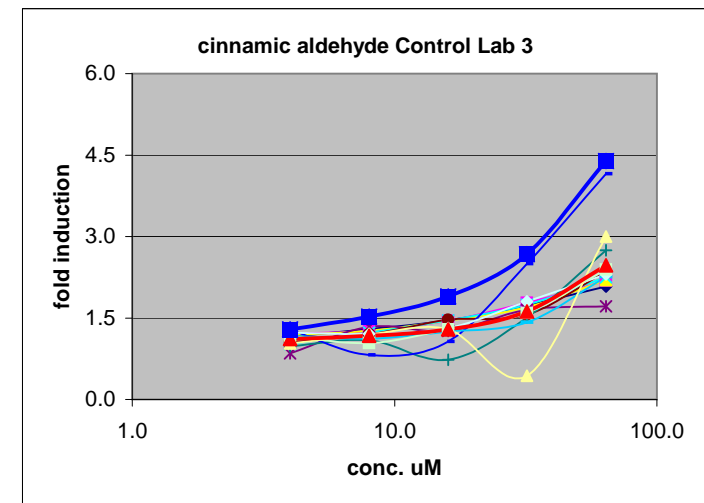
Lab 2

		Positive control cinnamic aldehyde				DMSO control values	
		fold induction at 64 uM	EC 1.5	Criteria EC 1.5 = 7-30 uM	Criteria lmax = 2-8 fold	% stdev blanks	
comp 1 - 7	rep1	4.0	11.3	TRUE	TRUE	9.4	ACCEPTED
	rep2	17.9	5.8	FALSE	FALSE	12.4	ACCEPTED
	rep3	10.1	4.8	FALSE	FALSE	9.1	ACCEPTED
comp 8 - 14	rep1	10.6	11.6	TRUE	FALSE	8.4	ACCEPTED
	rep2	7.0	11.5	TRUE	TRUE	6.7	ACCEPTED
	rep3	5.9	8.6	TRUE	TRUE	26.8	NOT ACCEPTED
comp 15 - 21	rep1	18.1	2.6	FALSE	FALSE	15.8	ACCEPTED
	rep2	12.2	8.5	TRUE	FALSE	10.0	ACCEPTED
	rep3	21.7	< 4	FALSE	FALSE	24.3	NOT ACCEPTED
comp 22 - 28	rep1	5.9	8.2	TRUE	TRUE	5.3	ACCEPTED
	rep2	7.8	8.8	TRUE	TRUE	7.9	ACCEPTED
	rep3	7.6	4.4	FALSE	TRUE	20.7	NOT ACCEPTED
Grand average		10.7	7.8			13.1	



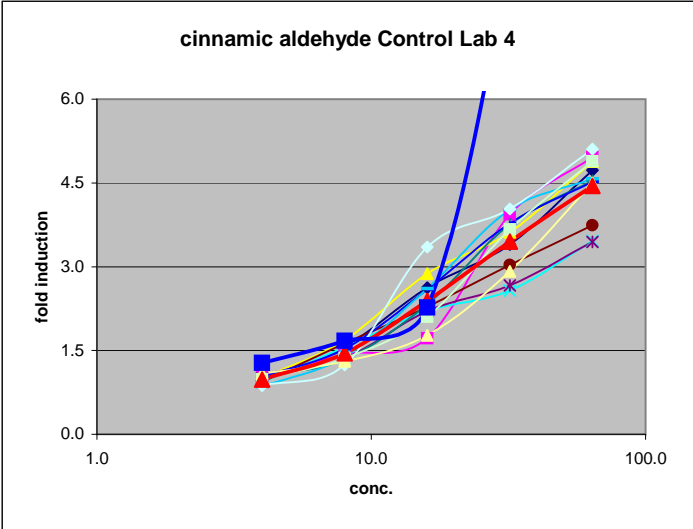
Lab 3

		Positive control cinnamic aldehyde				DMSO control values	
		fold induction at 64 uM	EC 1.5	Criteria EC 1.5 = 7-30 uM	Criteria lmax = 2-8 fold	% stdev blanks	
comp 1 - 7	rep1	2.1	18.6	TRUE	TRUE	13.1	ACCEPTED
	rep2	2.2	18.3	TRUE	TRUE	11.2	ACCEPTED
	rep3	2.2	19.2	TRUE	TRUE	11.8	ACCEPTED
comp 8 - 14	rep1	2.3	18.3	TRUE	TRUE	11.0	ACCEPTED
	rep2	1.7	25.8	TRUE	FALSE	9.5	ACCEPTED
	rep3	2.4	21.2	TRUE	TRUE	12.8	ACCEPTED
comp 15 - 21	rep1	2.7	31.9	FALSE	TRUE	18.2	ACCEPTED
	rep2	4.2	12.8	TRUE	TRUE	14.8	ACCEPTED
	rep3	2.3	35.0	FALSE	TRUE	11.3	ACCEPTED
comp 22 - 28	rep1	2.3	22.1	TRUE	TRUE	14.5	ACCEPTED
	rep2	2.4	27.1	TRUE	TRUE	13.7	ACCEPTED
	rep3	3.0	45.3	FALSE	TRUE	18.5	ACCEPTED
Grand average		2.5	24.6			13.4	



Lab 4

		Positive control cinnamic aldehyde				DMSO control values	
		fold induction at 64 uM	EC 1.5	Criteria EC 1.5 = 7-30 uM	Criteria lmax = 2-8 fold	% stdev blanks	
comp 1 - 7	rep1	4.7	7.6	TRUE	TRUE	10.7	ACCEPTED
	rep2	5.0	14.4	TRUE	TRUE	13.3	ACCEPTED
	rep3	4.9	6.9	FALSE	TRUE	10.4	ACCEPTED
comp 8 - 14	rep1	3.5	7.6	TRUE	TRUE	18.6	ACCEPTED
	rep2	3.4	9.3	TRUE	TRUE	8.9	ACCEPTED
	rep3	3.7	7.2	TRUE	TRUE	11.3	ACCEPTED
comp 15 - 21	rep1	4.5	9.3	TRUE	TRUE	13.8	ACCEPTED
	rep2	4.5	7.8	TRUE	TRUE	11.2	ACCEPTED
	rep3	4.6	8.7	TRUE	TRUE	9.3	ACCEPTED
comp 22 - 28	rep1	5.1	9.0	TRUE	TRUE	6.3	ACCEPTED
	rep2	4.9	9.5	TRUE	TRUE	7.2	ACCEPTED
	rep3	4.5	12.2	TRUE	TRUE	9.3	ACCEPTED
Grand average		4.4	9.1			10.9	



Overall statistics on all 60 runs

n runs fulfilling criteria

		Criteria EC 1.5 = 7-30 uM	Criteria lmax = 2-8 fold	% stdev blanks	
TRUE		50.0	51.0	< 20%	54
FALSE		10.0	9.0	> 20%	6
		Maximal variation		26.8	
		Average		13.3	