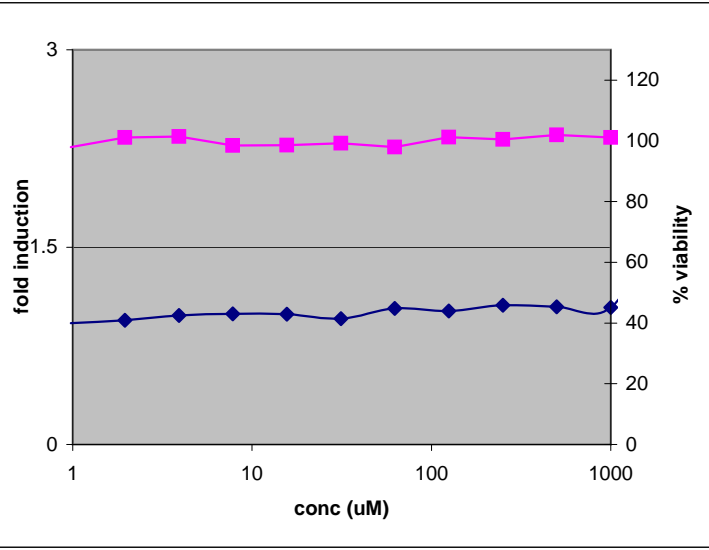
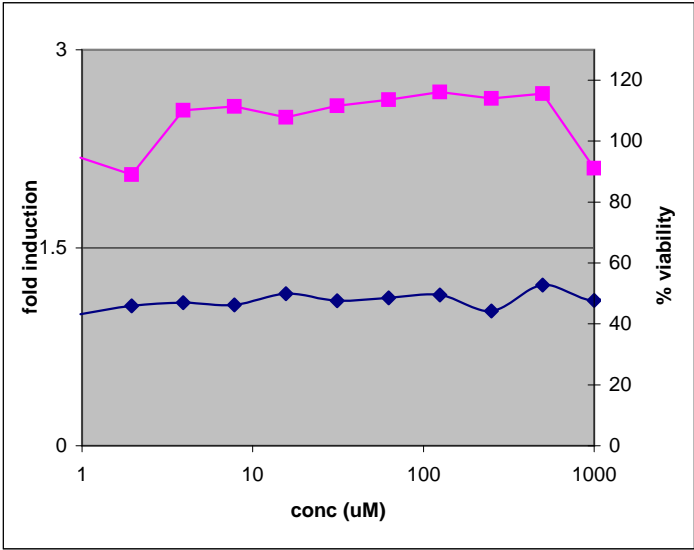


Attachment 10a - Dose response curves BLR phase - Lactic acid

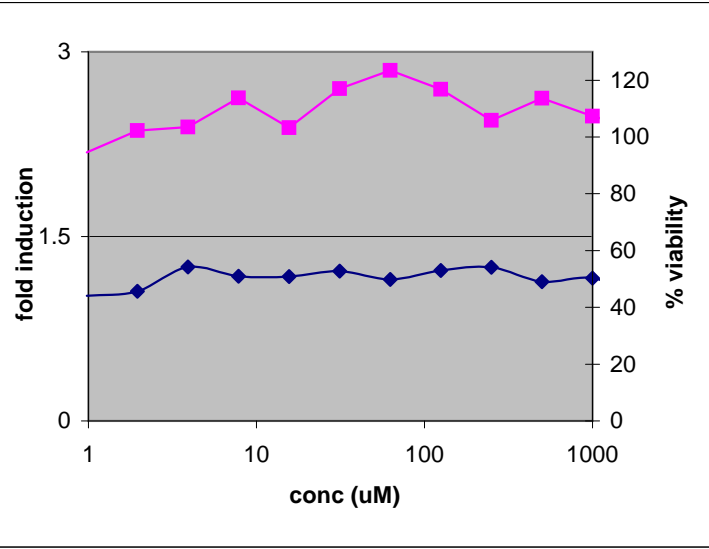
Lead lab ring study



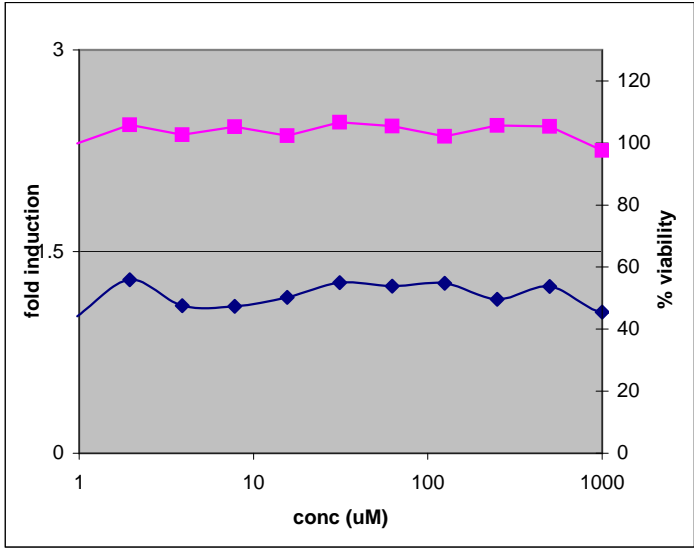
Lead lab historical



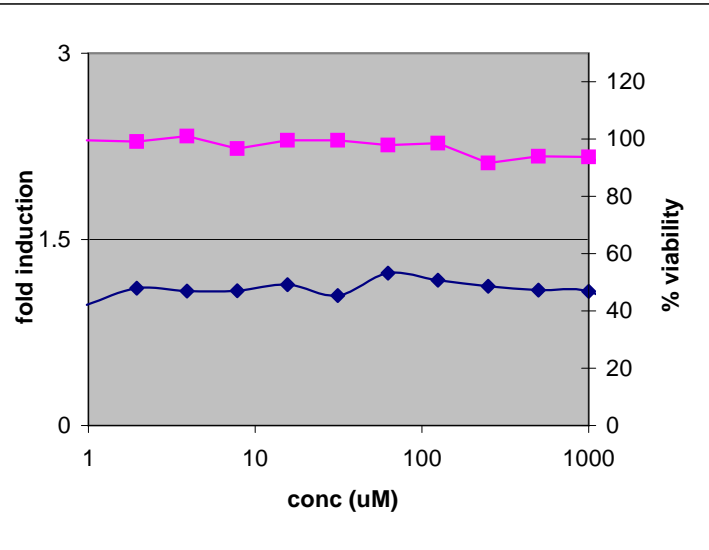
Lab 1



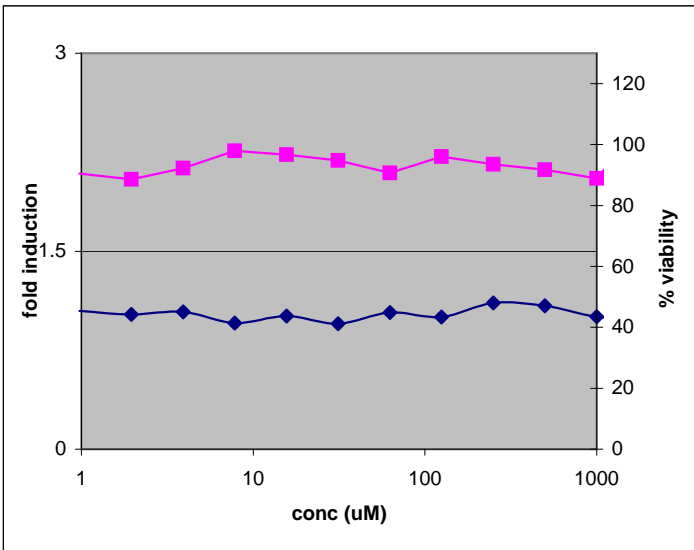
Lab 2



Lab 3



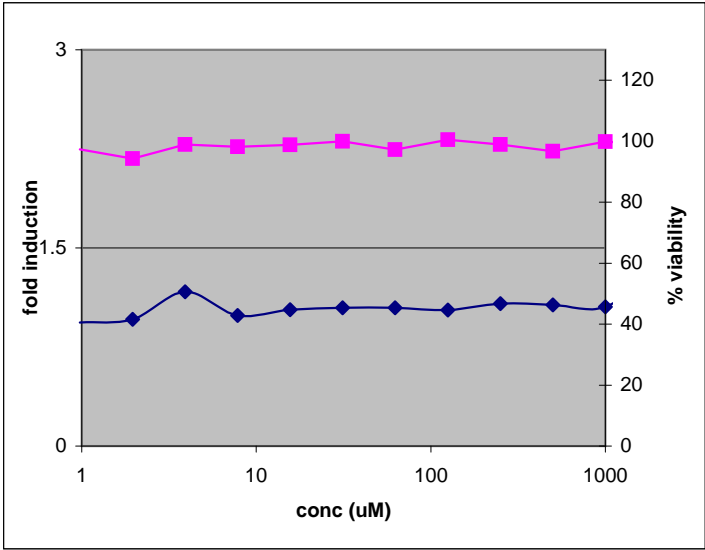
Lab 4



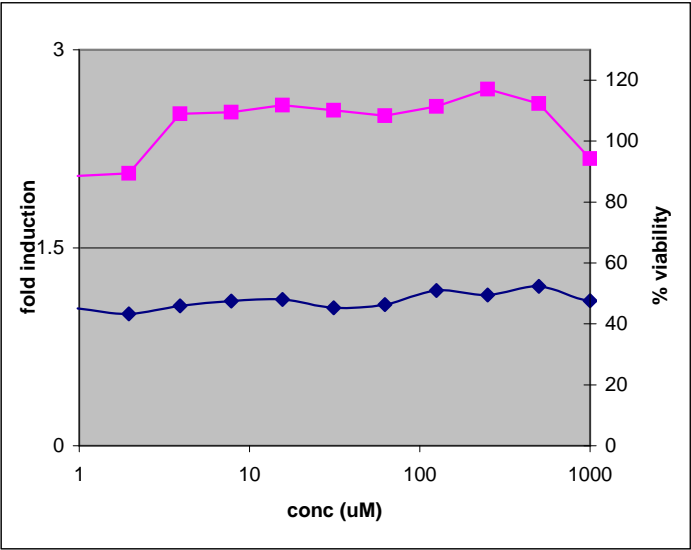
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Glycerol

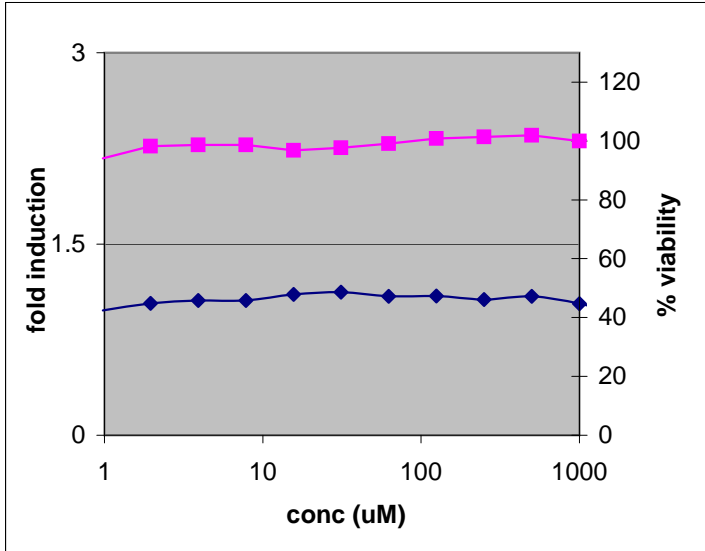
Lead lab ring study



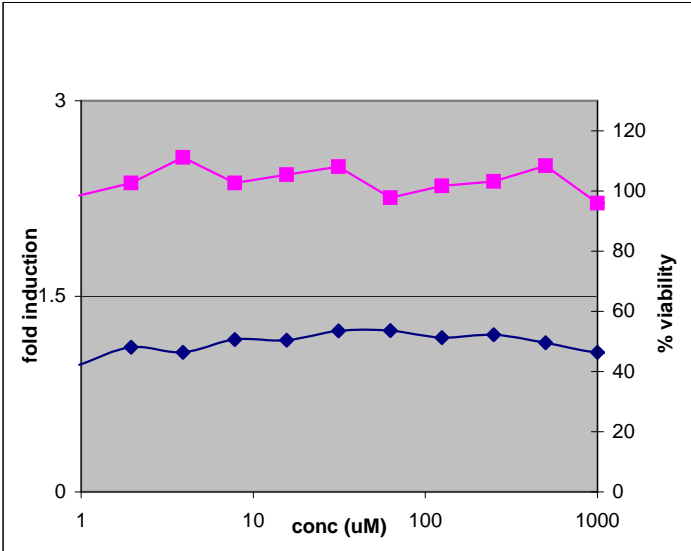
Lead lab historical



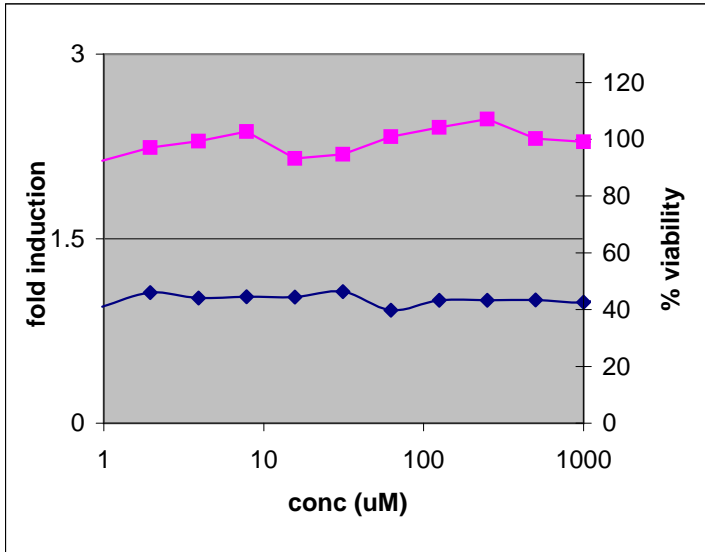
Lab 1



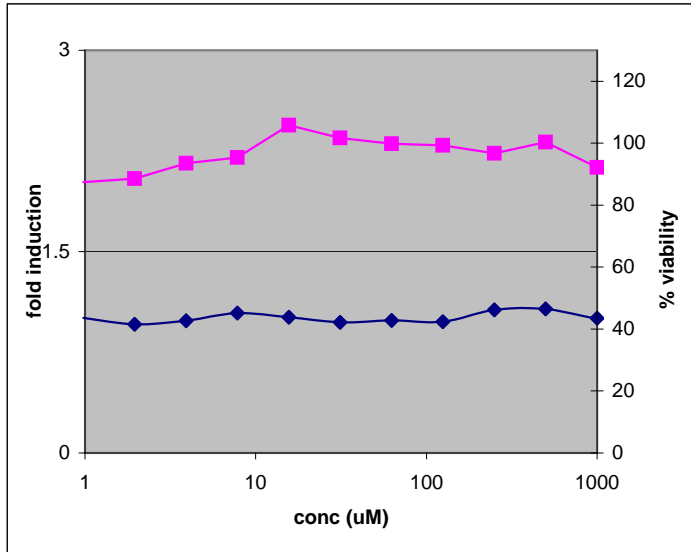
Lab 2



Lab 3



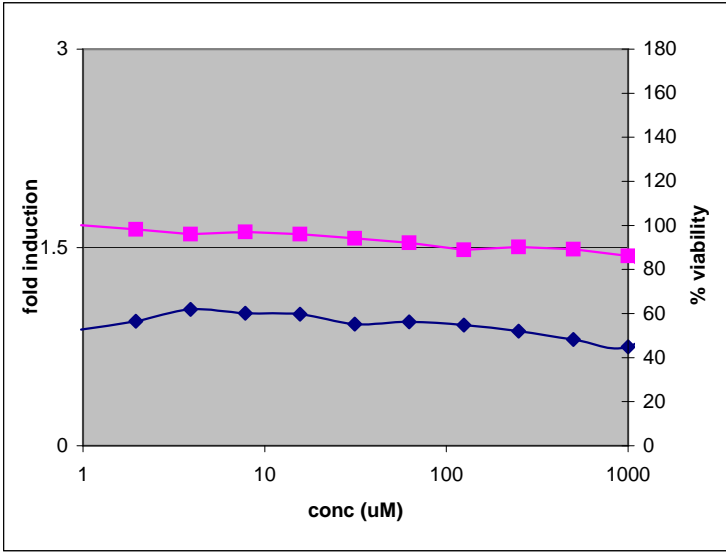
Lab 4



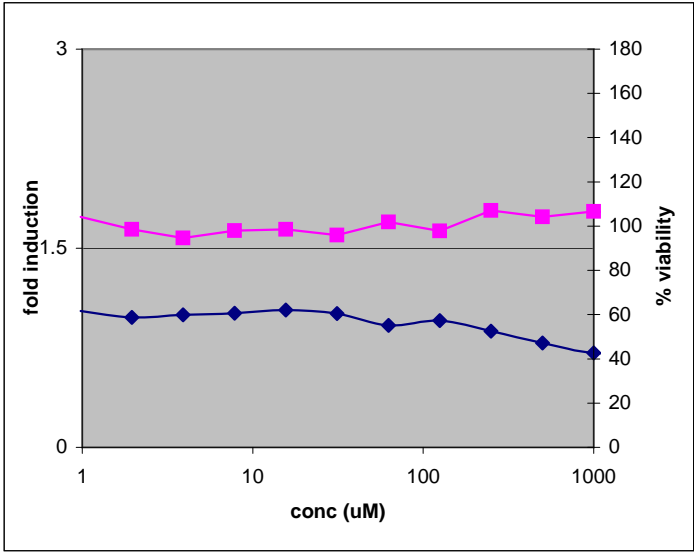
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Diethylphthalate

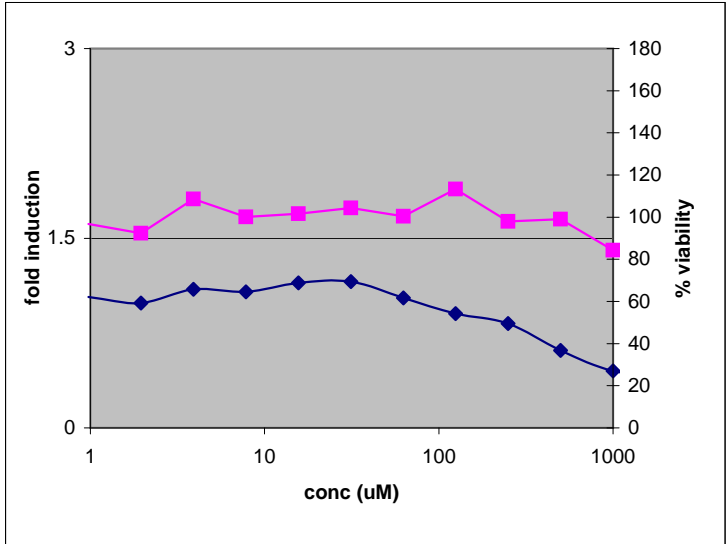
Lead lab ring study



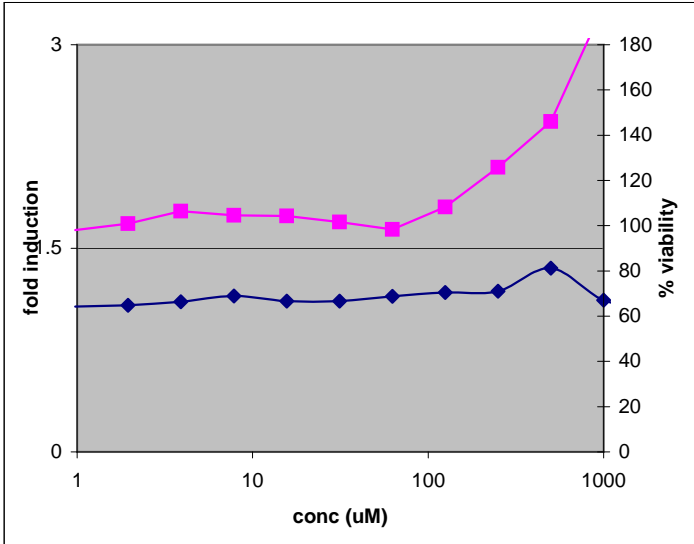
Lead lab historical



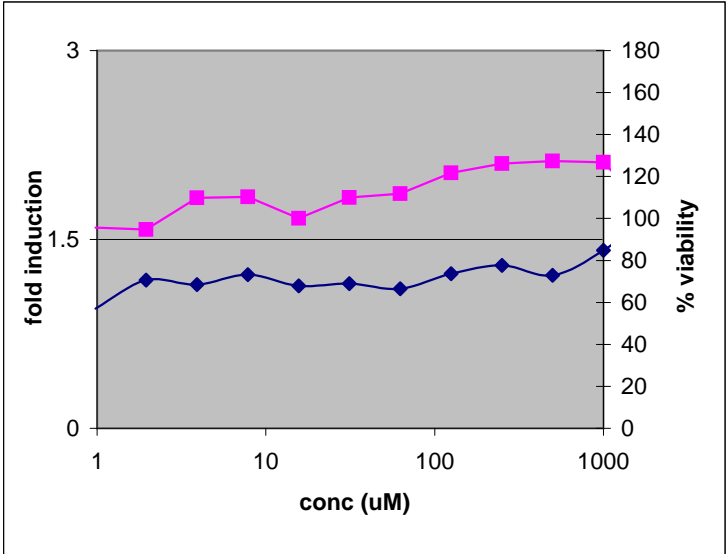
Lab 1



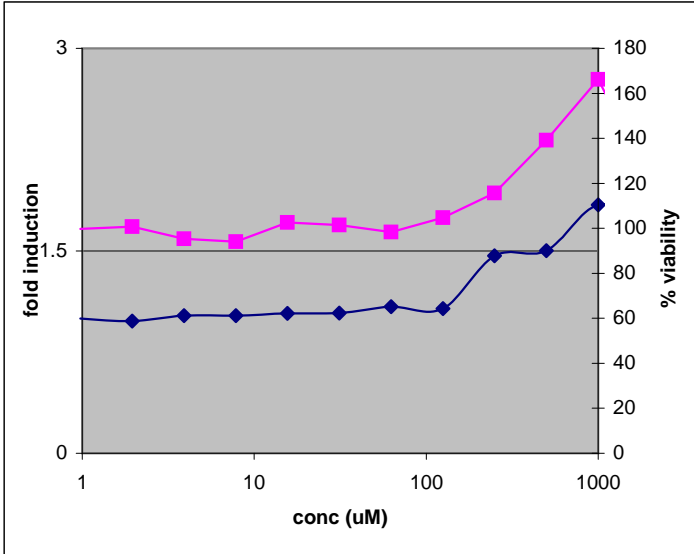
Lab 2



Lab 3



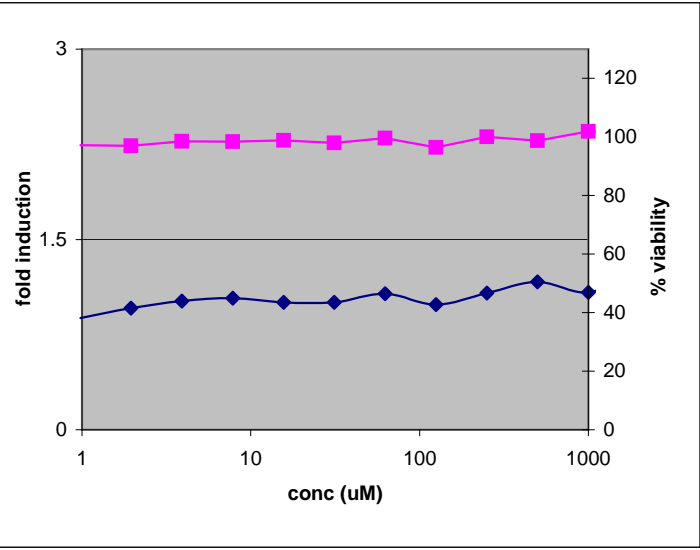
Lab 4



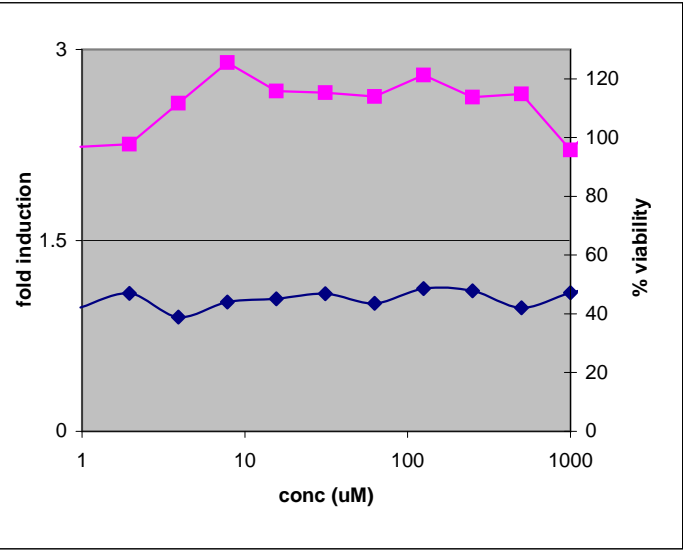
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Isopropanol

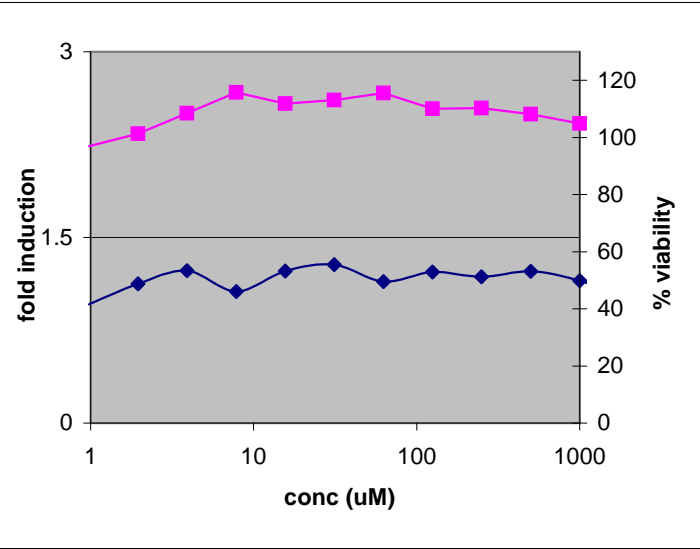
Lead lab ring study



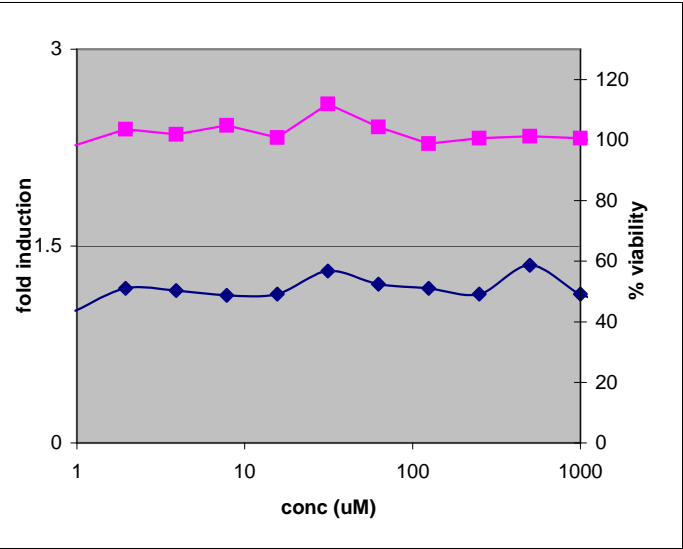
Lead lab historical



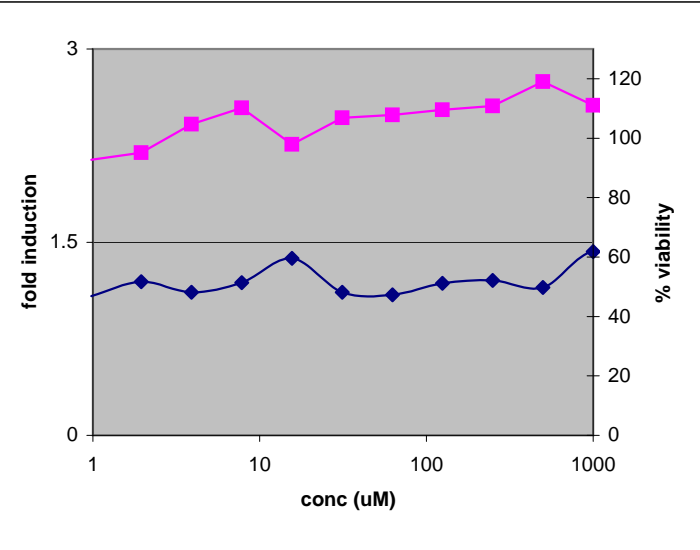
Lab 1



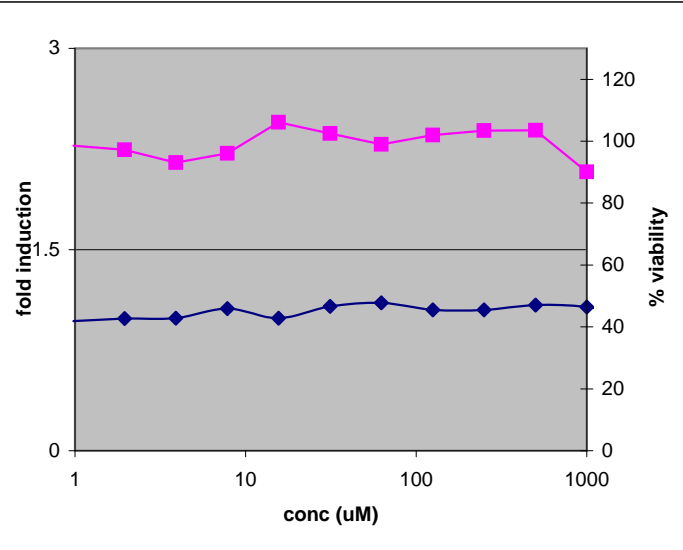
Lab 2



Lab 3



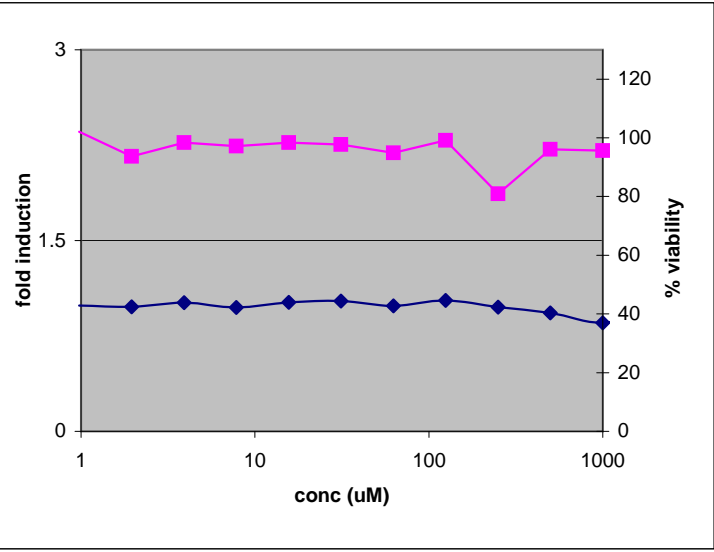
Lab 4



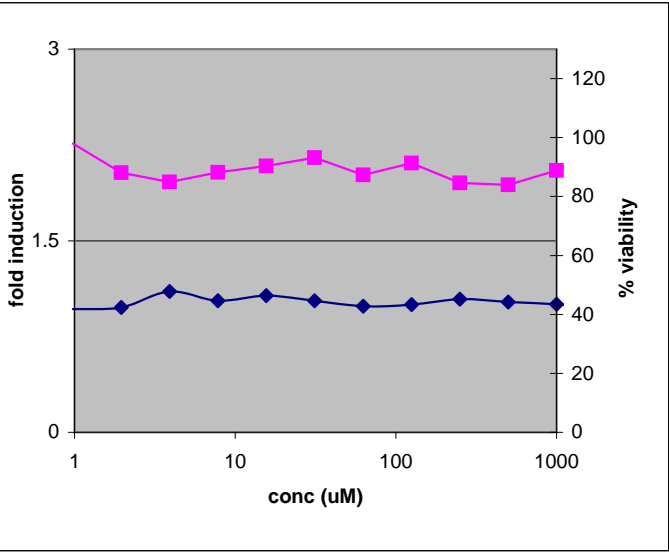
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Salicylic acid

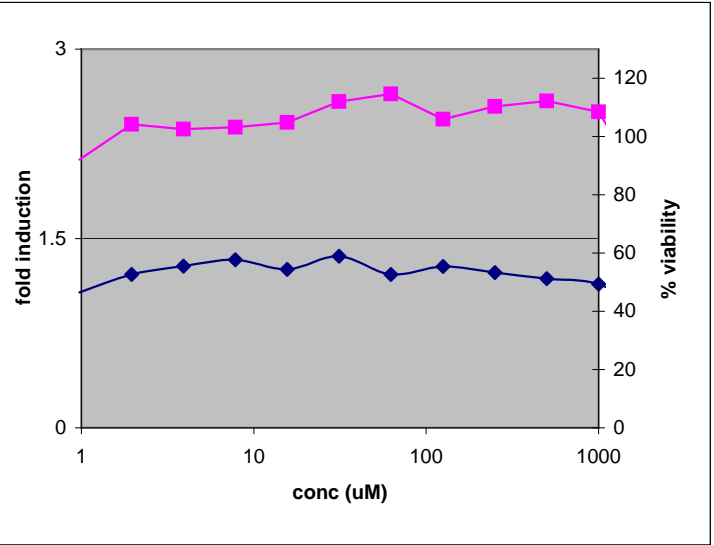
Lead lab ring study



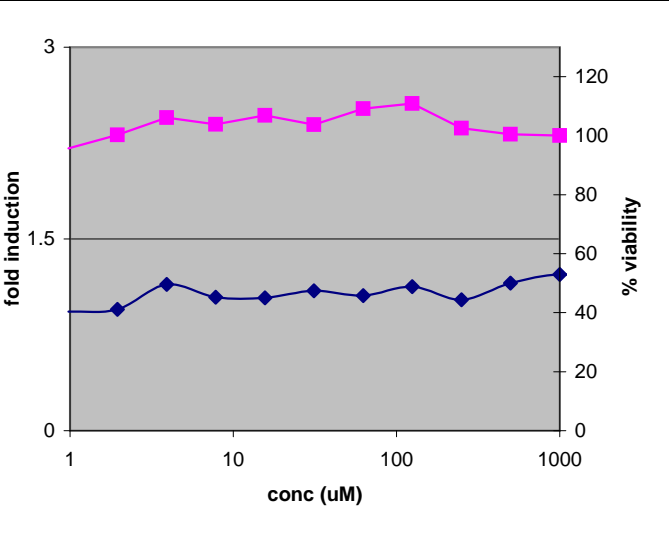
Lead lab historical



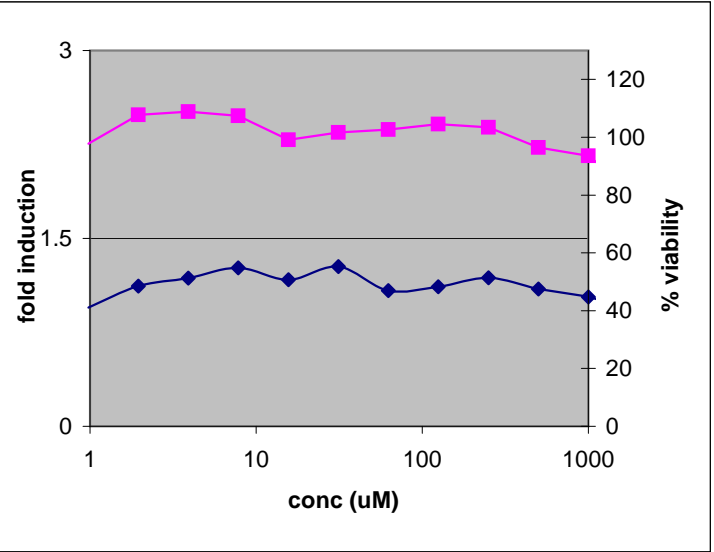
Lab 1



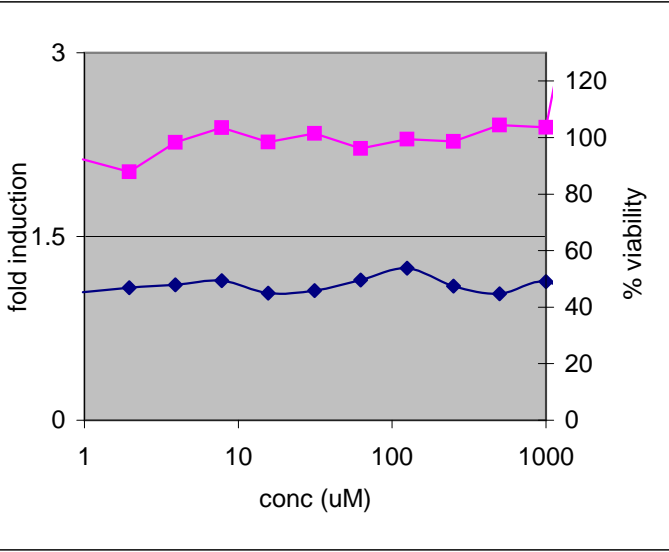
Lab 2



Lab 3



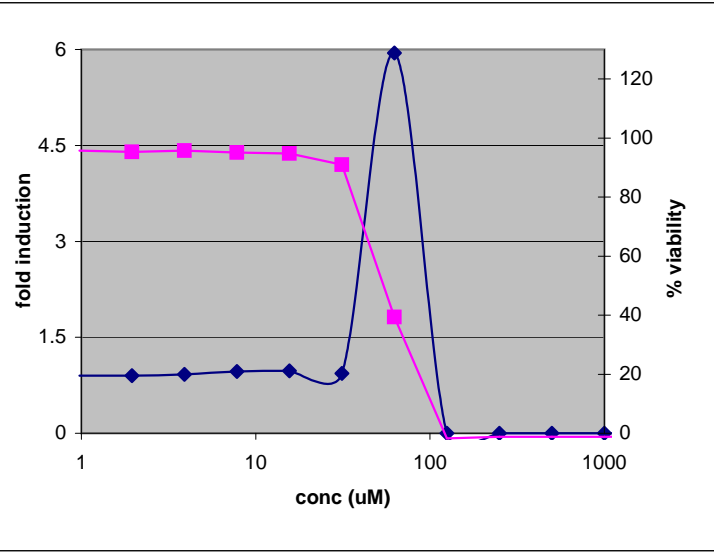
Lab 4



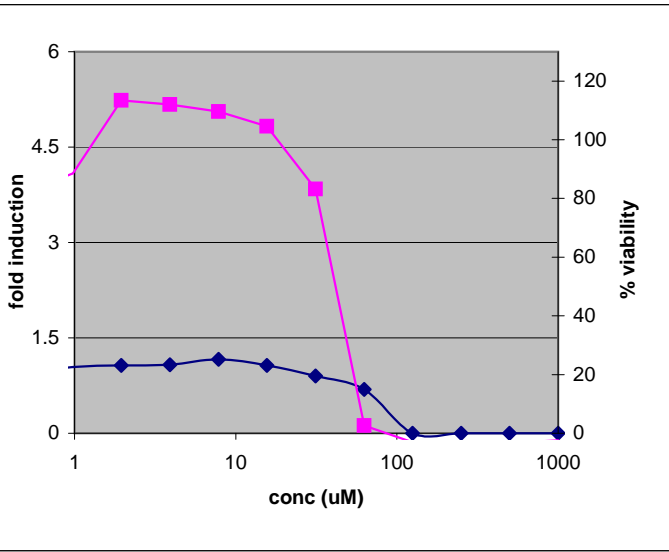
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - SDS

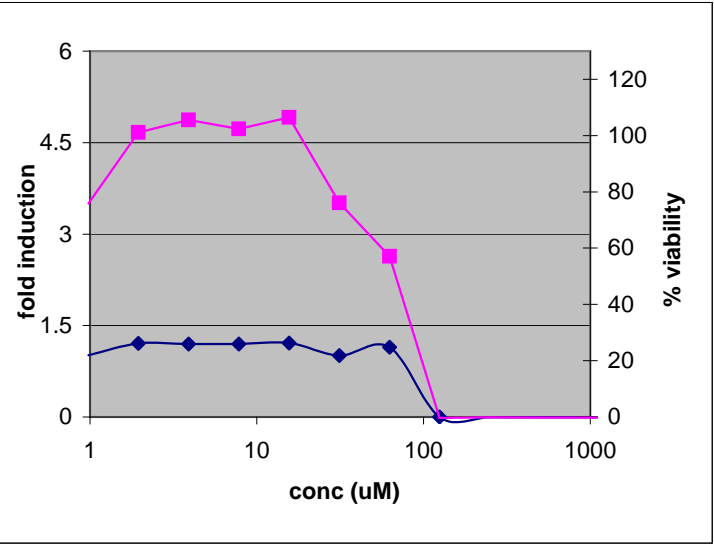
Lead lab ring study



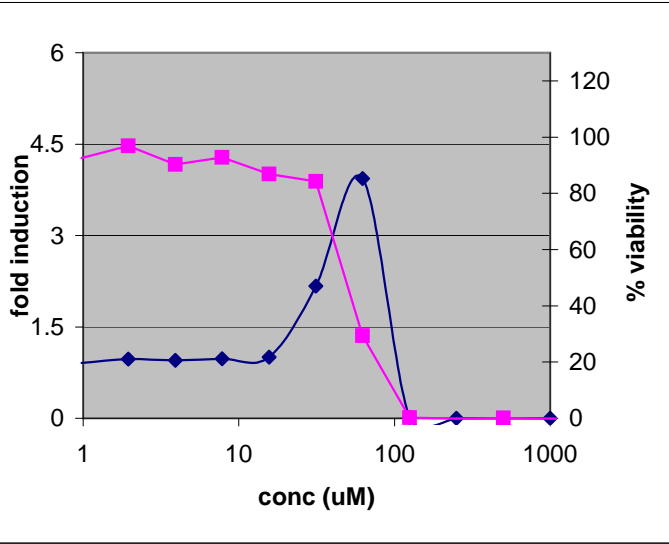
Lead lab historical



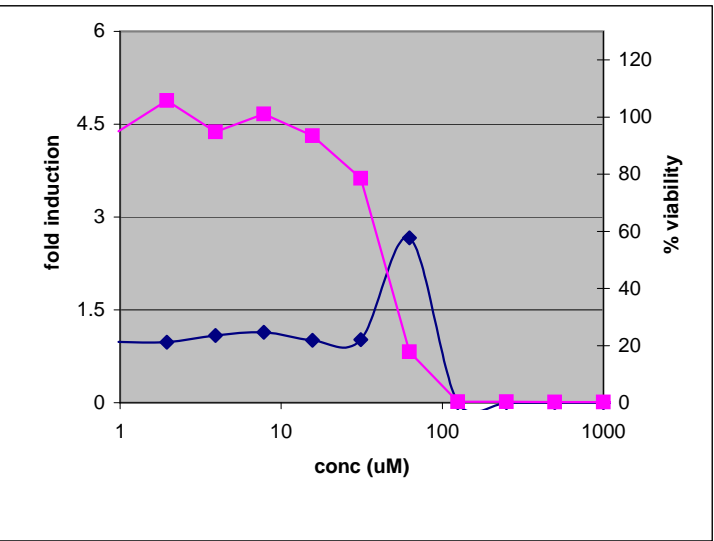
Lab 1



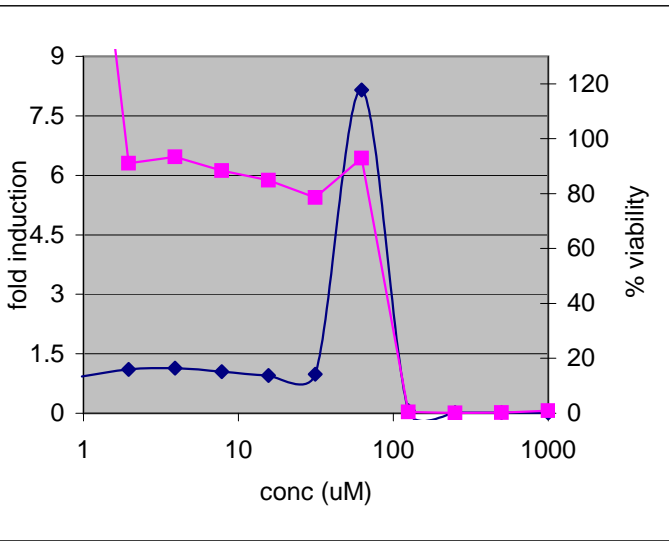
Lab 2



Lab 3



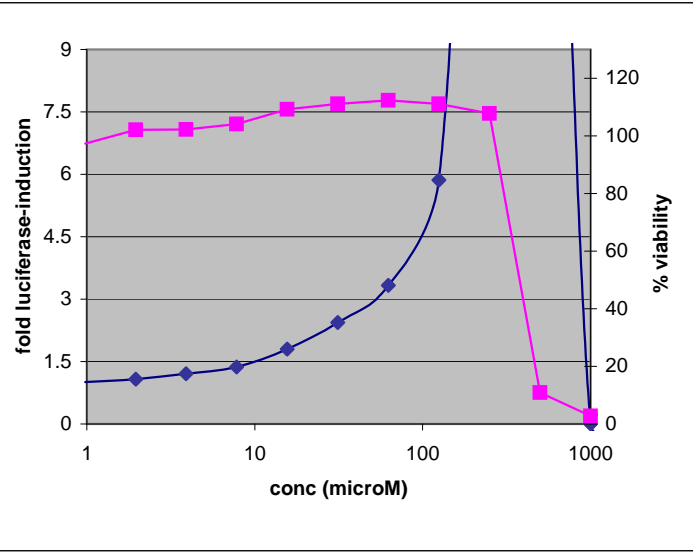
Lab 4



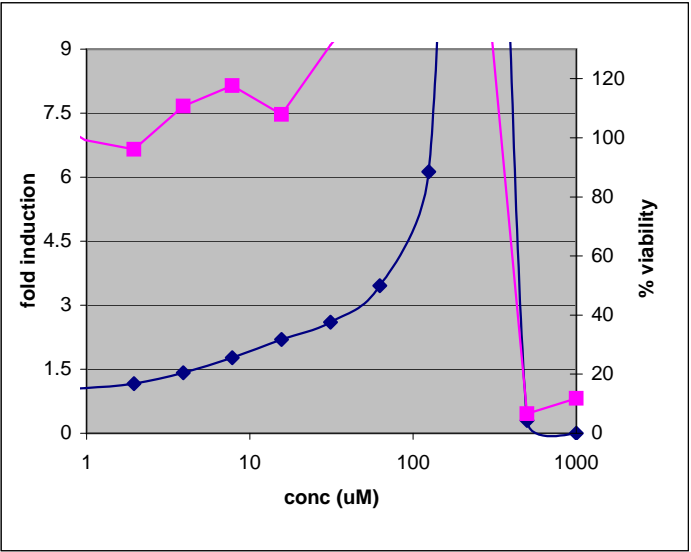
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - 4-phenylendiamine

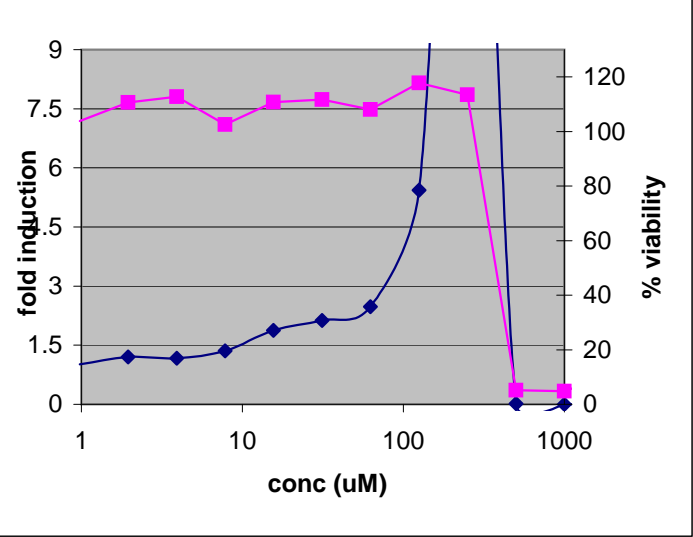
Lead lab ring study



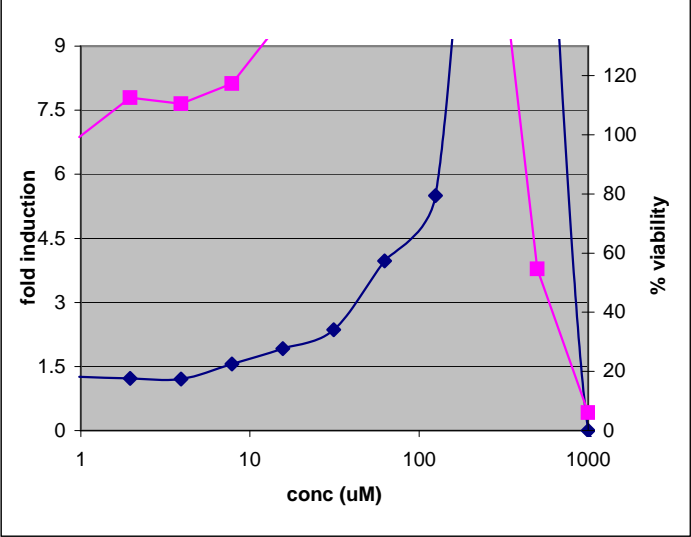
Lead lab historical



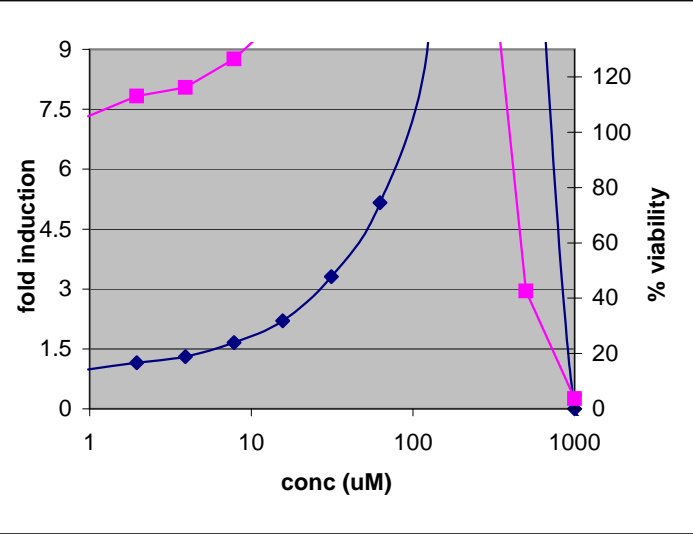
Lab 1



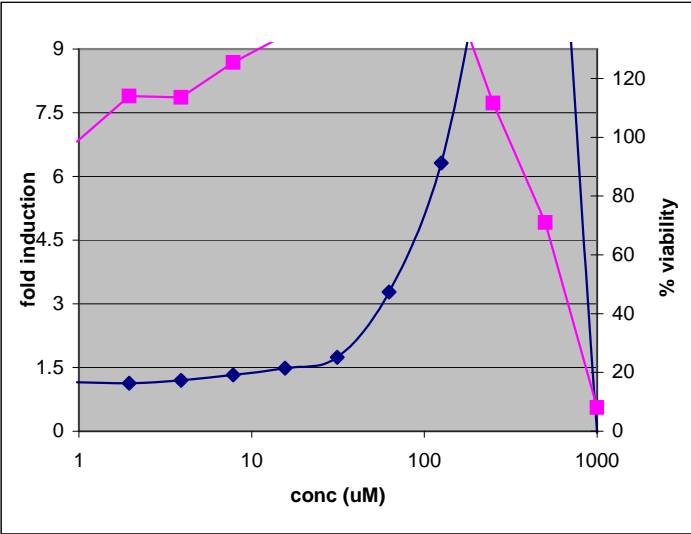
Lab 2



Lab 3



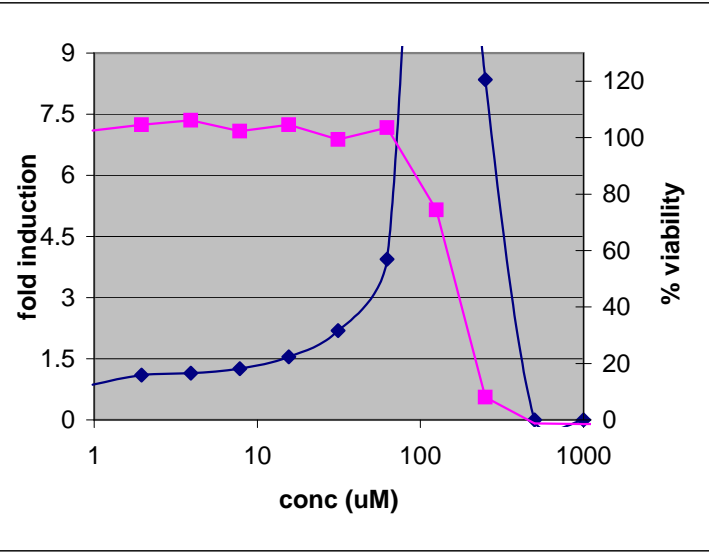
Lab 4



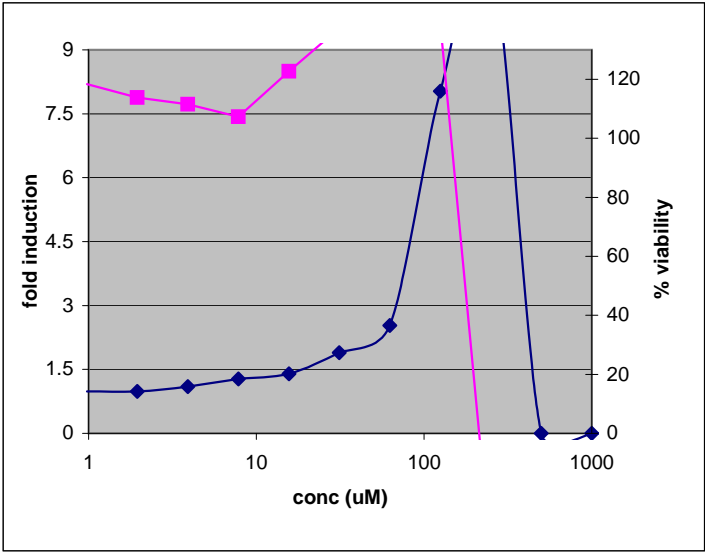
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Cinnamic aldehyde

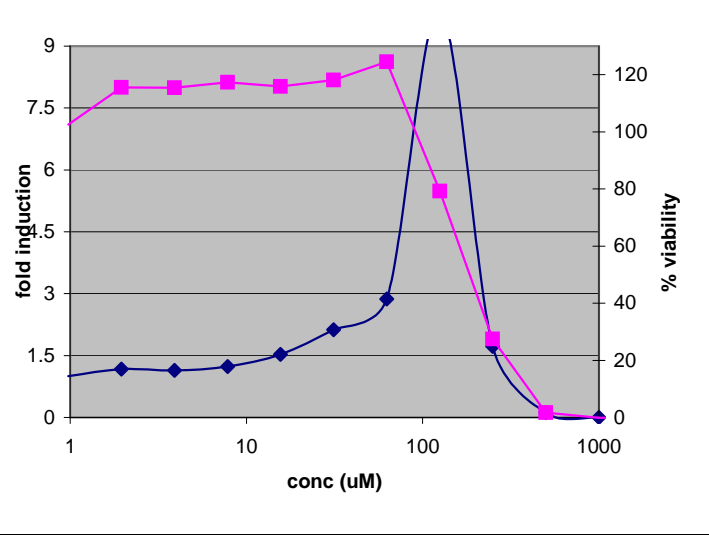
Lead lab ring study



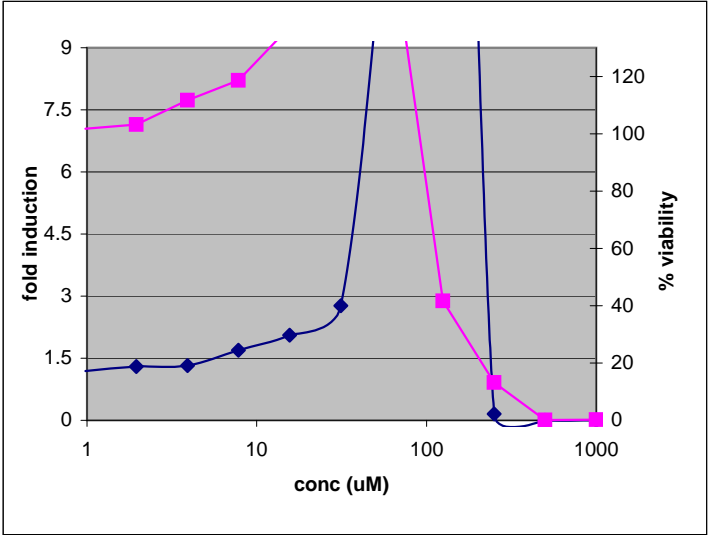
Lead lab historical



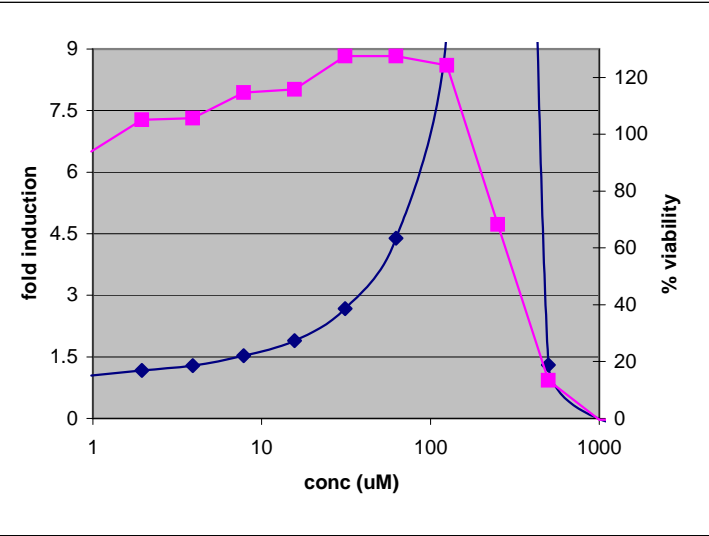
Lab 1



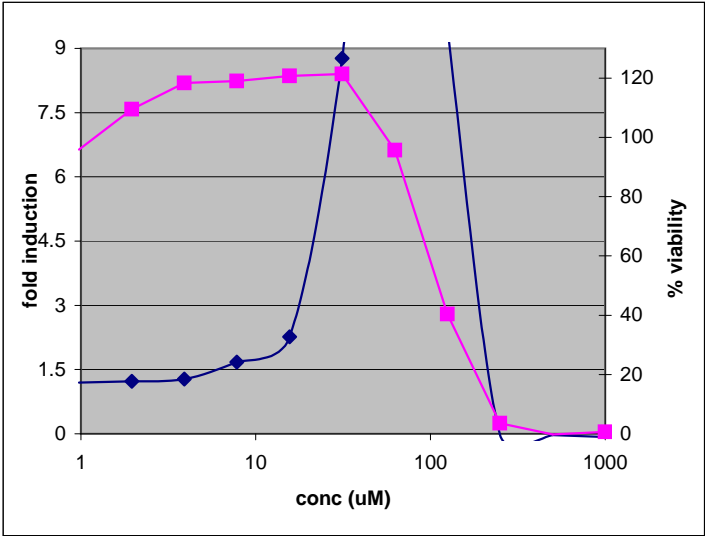
Lab 2



Lab 3



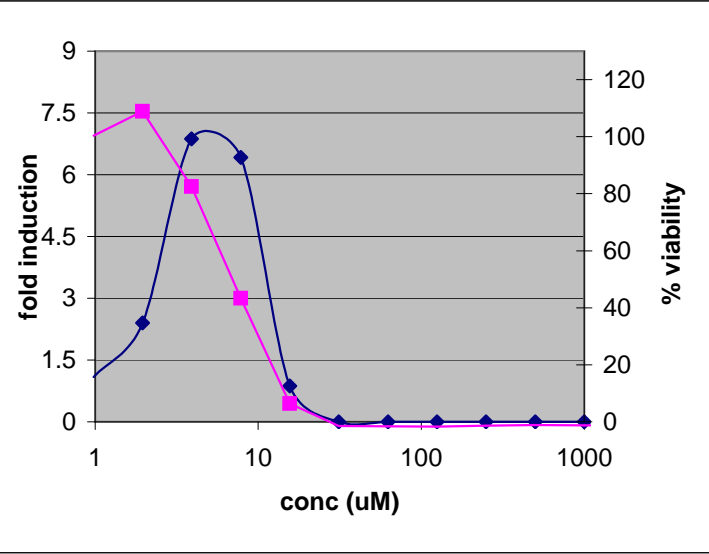
Lab 4



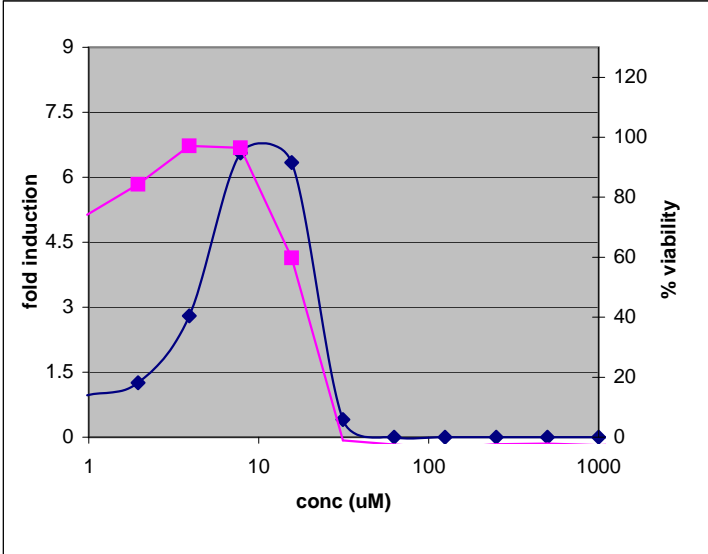
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - 4-Nitrobenzylbromide

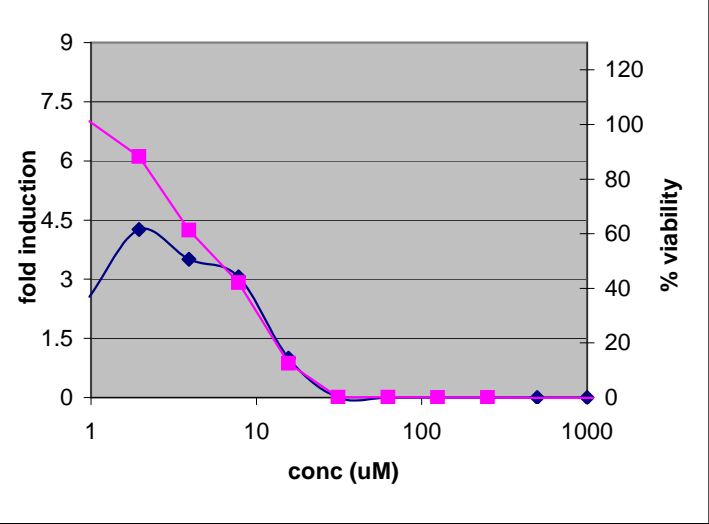
Lead lab ring study



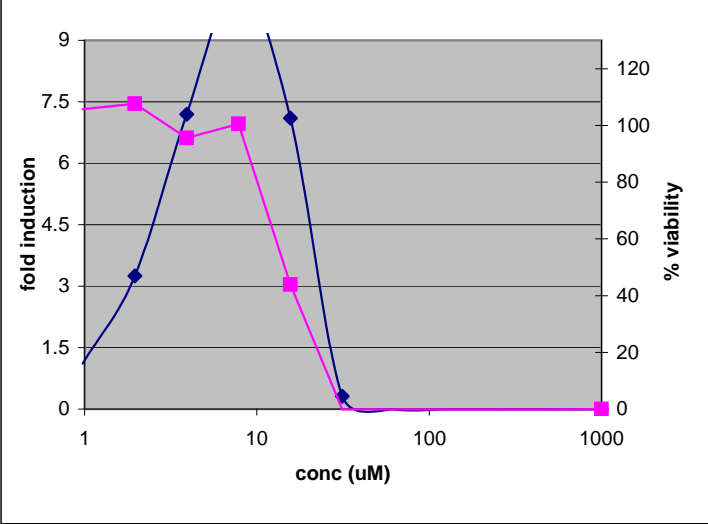
Lead lab historical



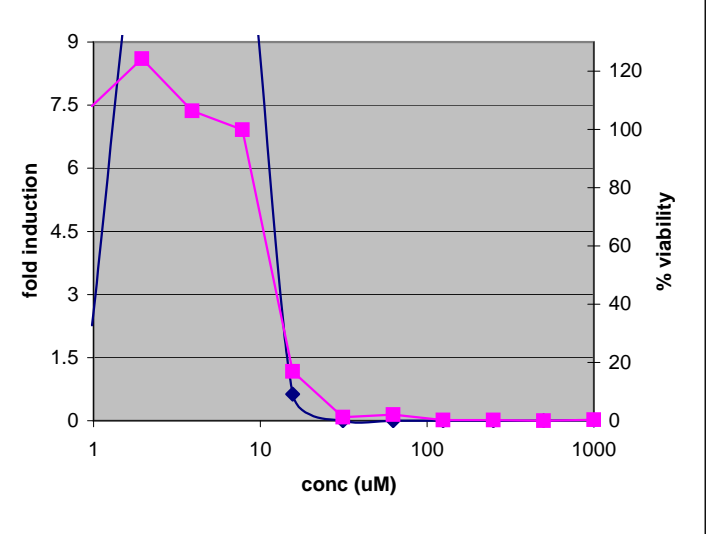
Lab 1



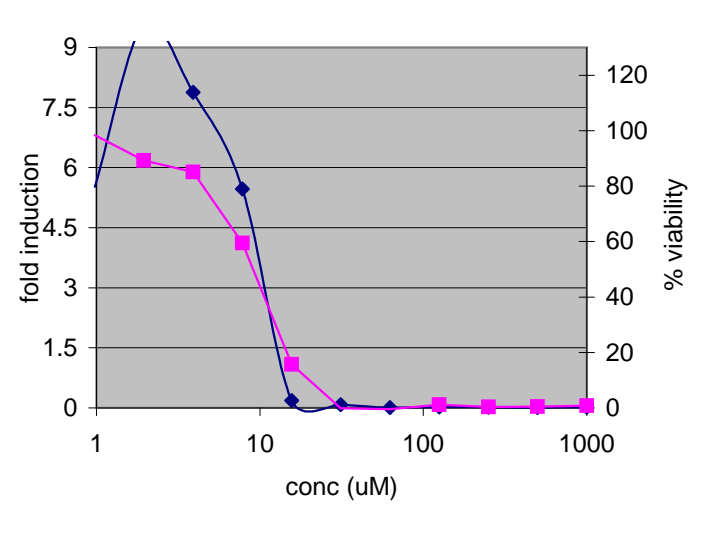
Lab 2



Lab 3



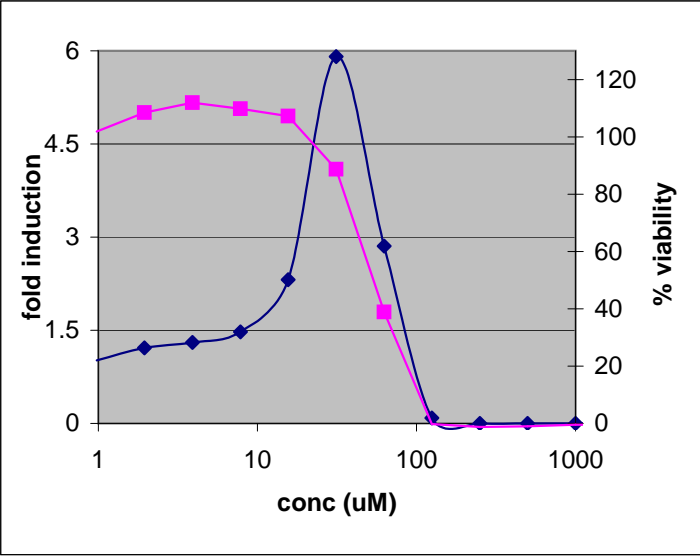
Lab 4



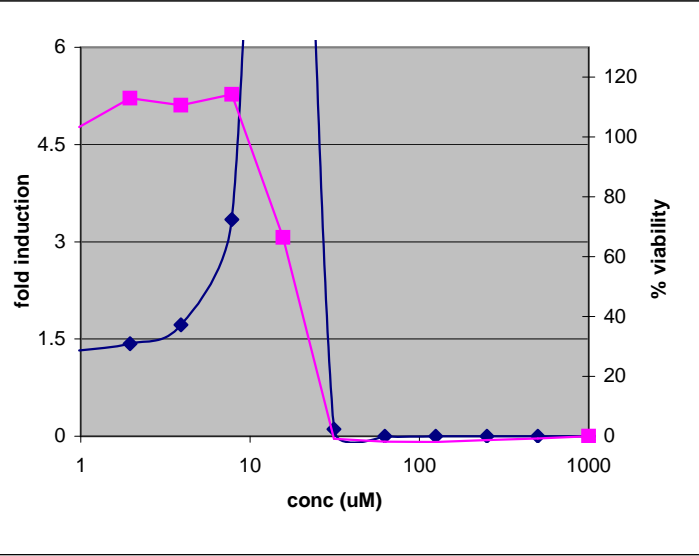
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Metol

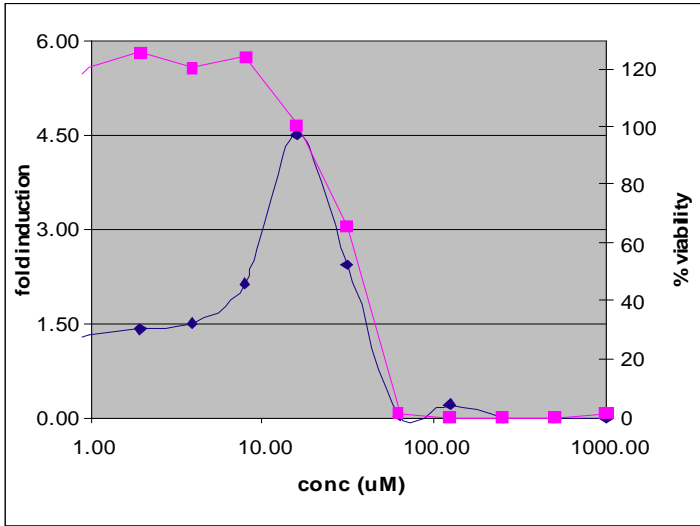
Lead lab ring study



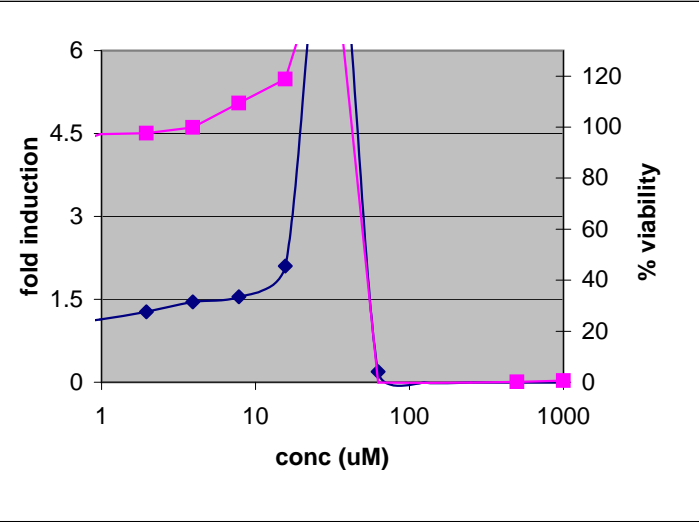
Lead lab historical



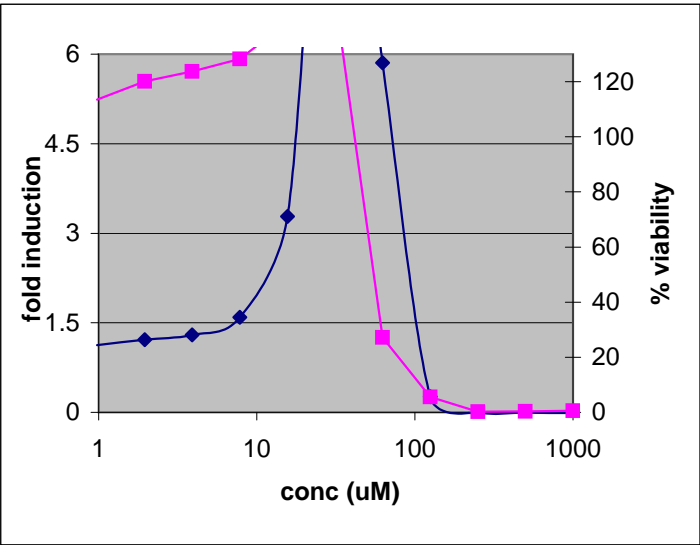
Lab 1



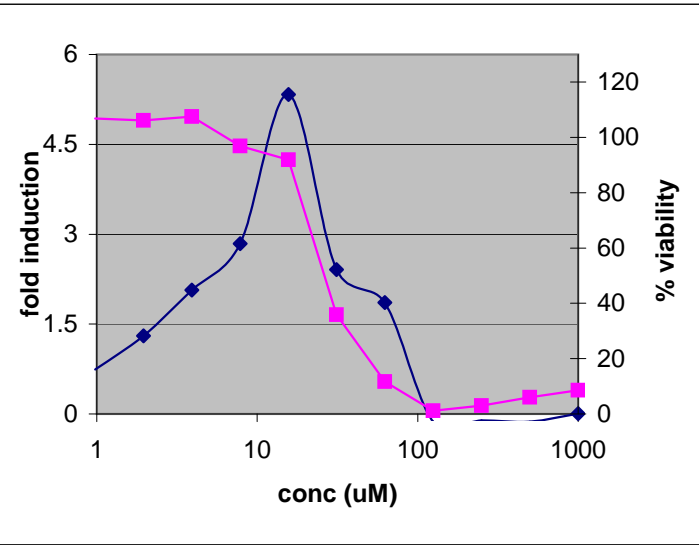
Lab 2



Lab 3



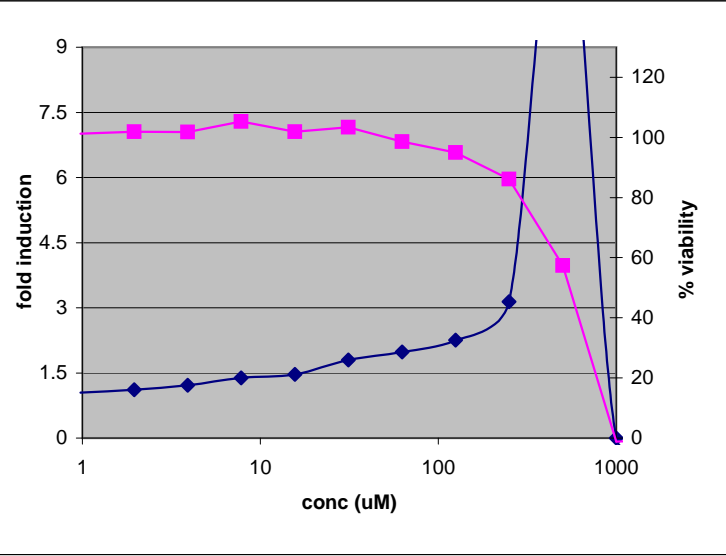
Lab 4



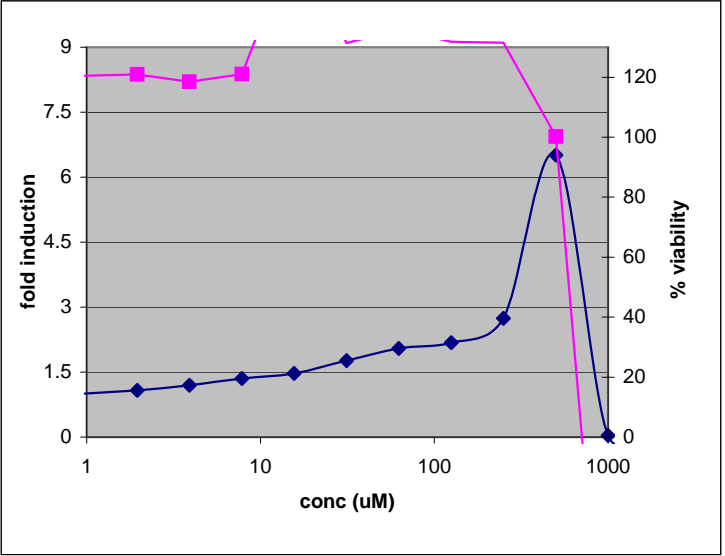
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Isoeugenol

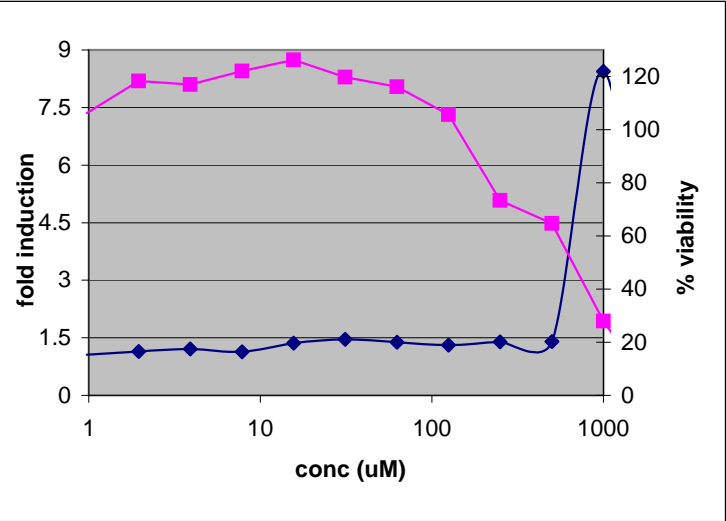
Lead lab ring study



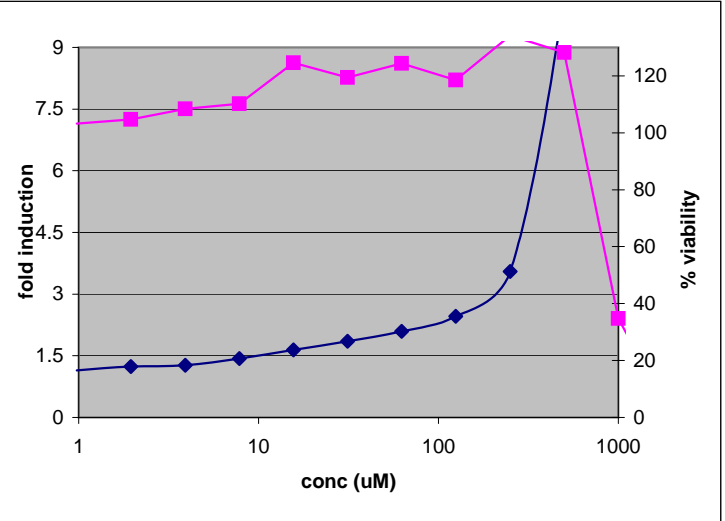
Lead lab historical



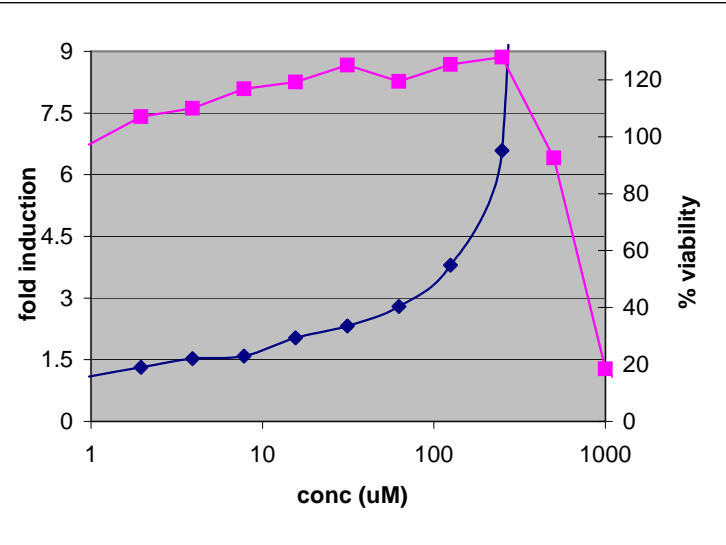
Lab 1



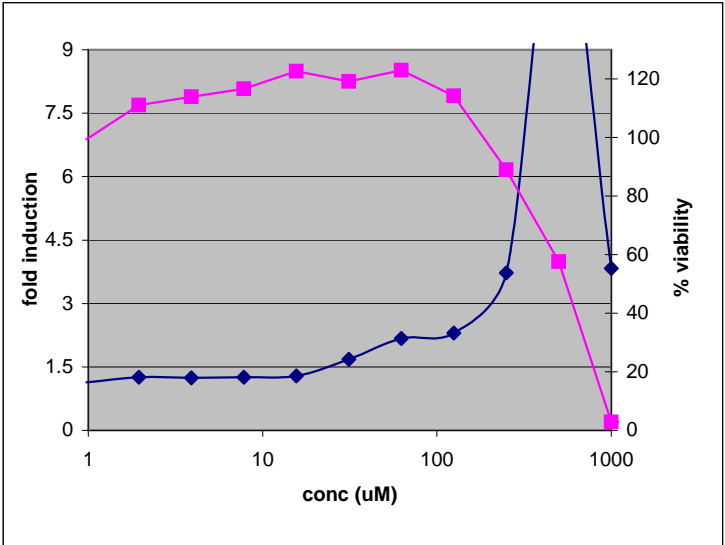
Lab 2



Lab 3



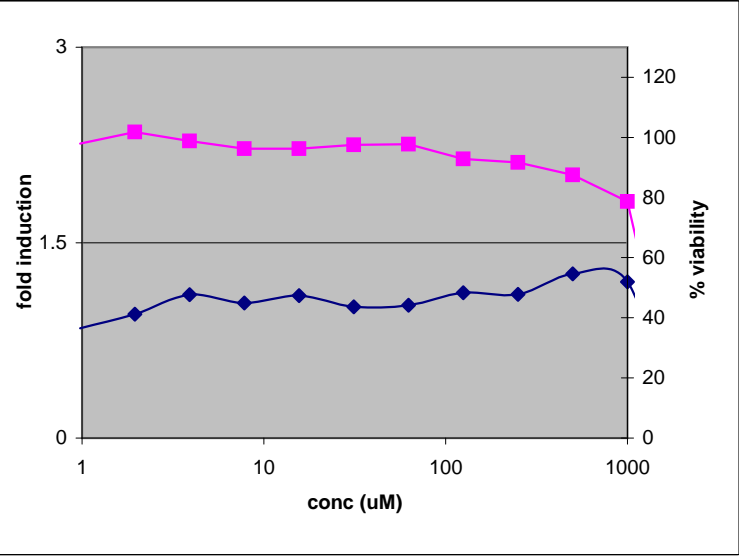
Lab 4



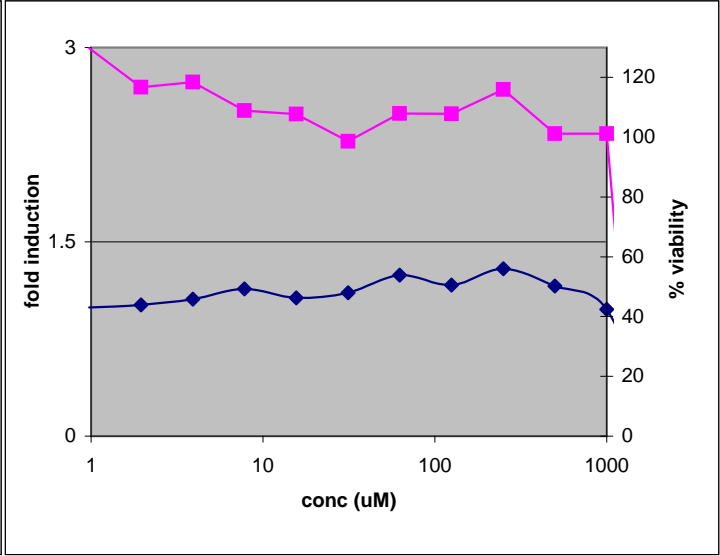
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Eugenol

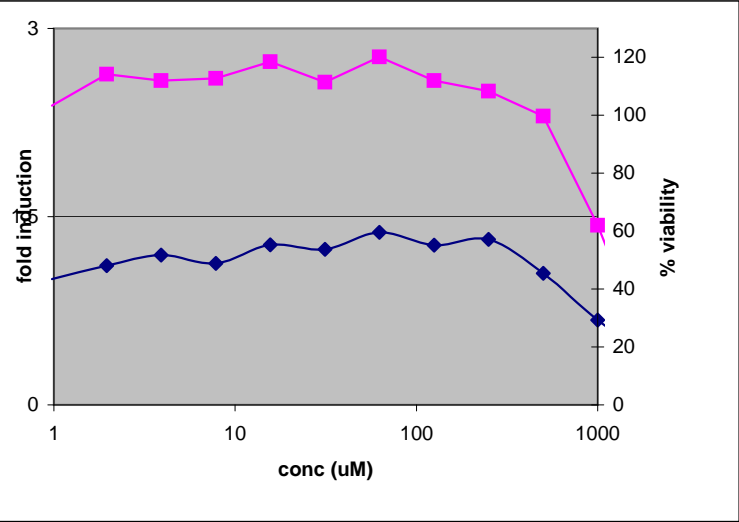
Lead lab ring study



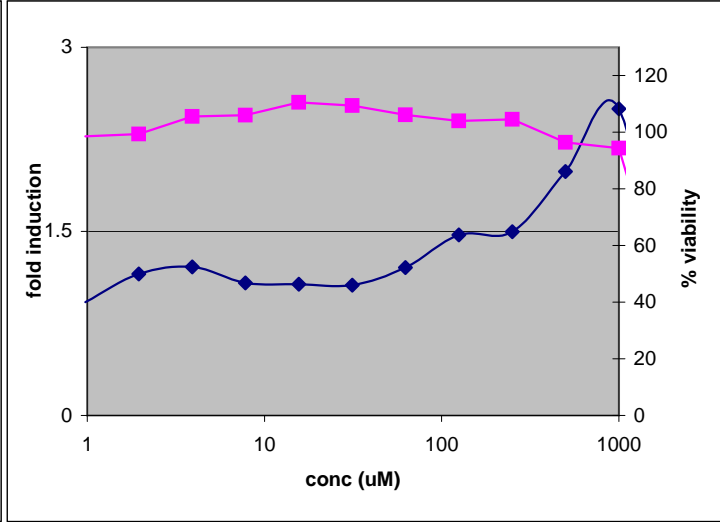
Lead lab historical



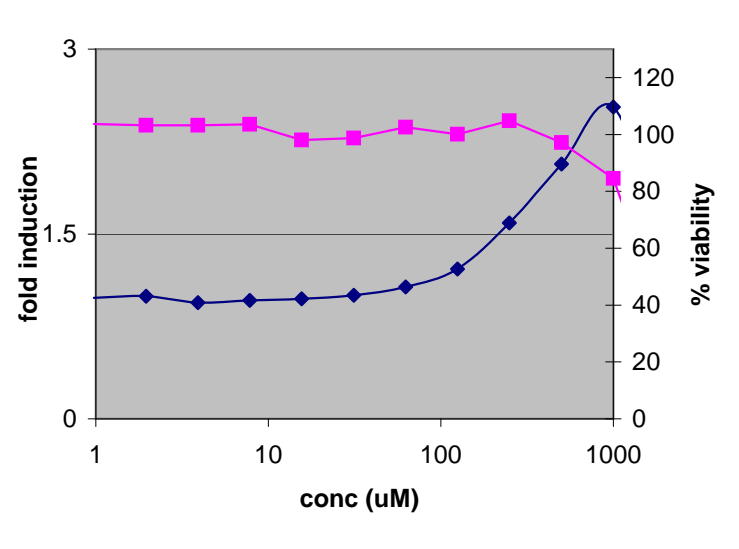
Lab 1



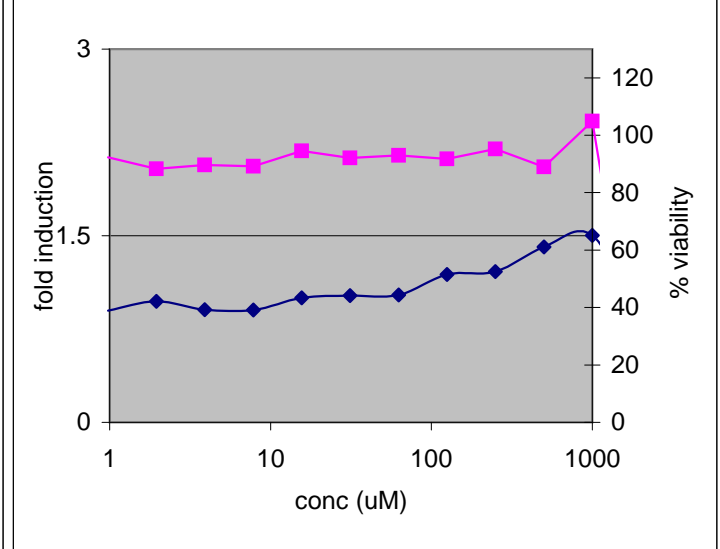
Lab 2



Lab 3



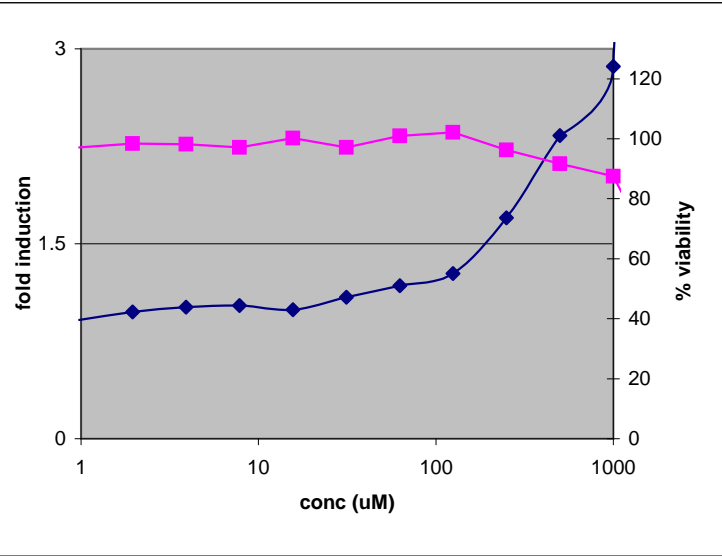
Lab 4



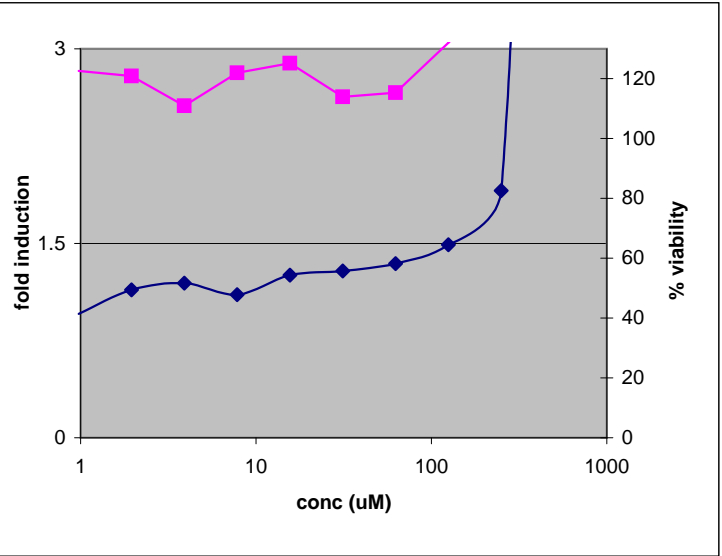
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Oxazolone

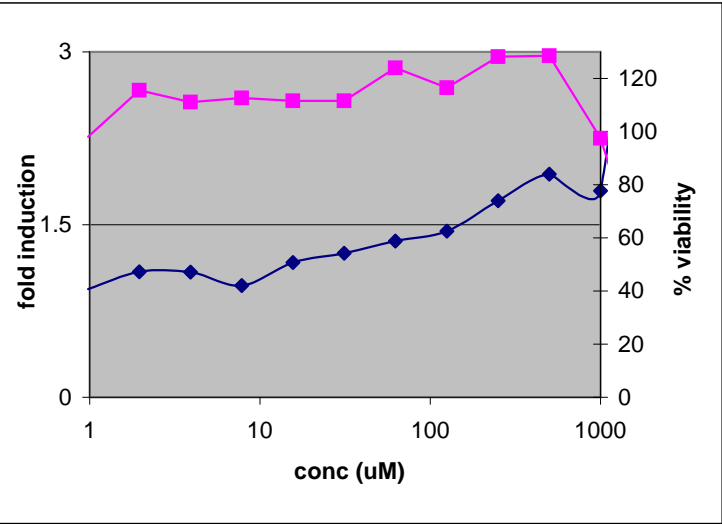
Lead lab ring study



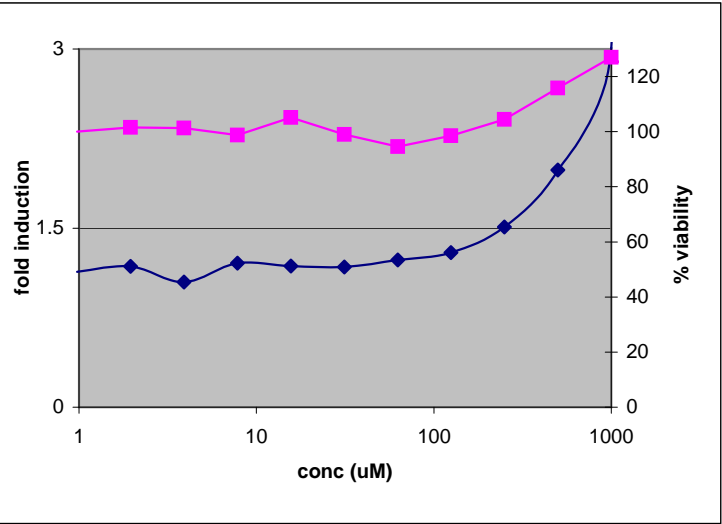
Lead lab historical



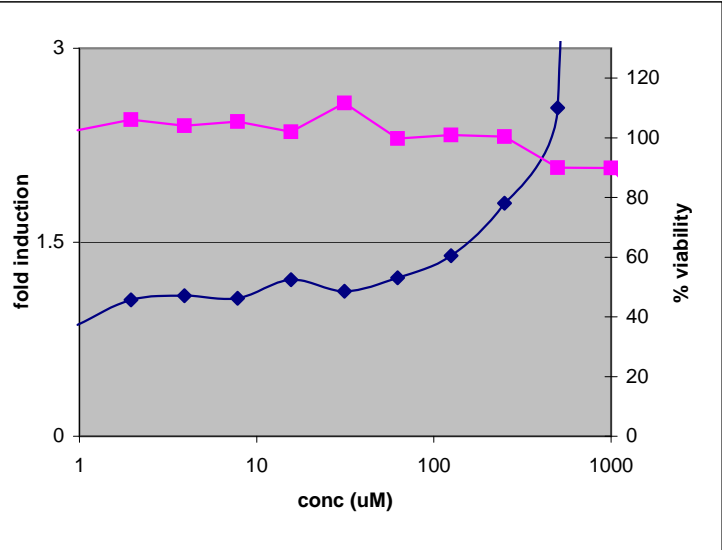
Lab 1



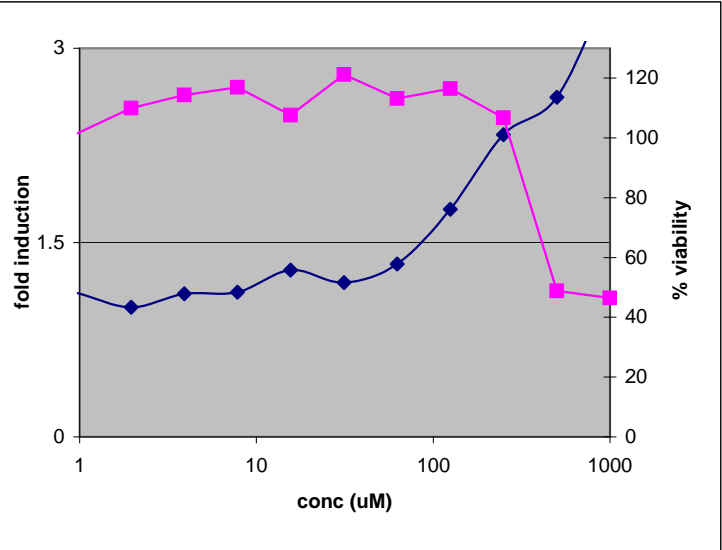
Lab 2



Lab 3



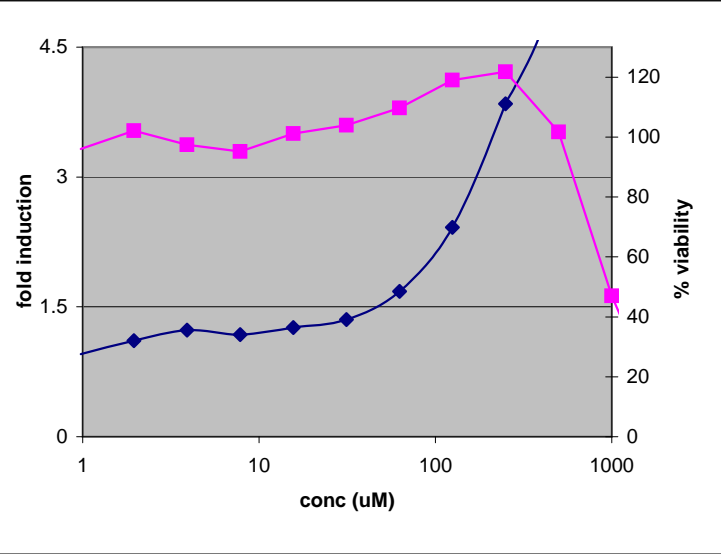
Lab 4



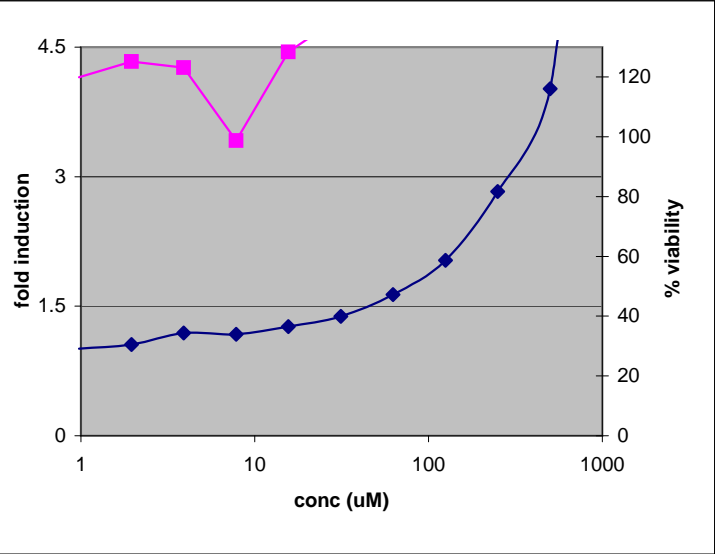
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - 2-Mercaptobenzothiazole

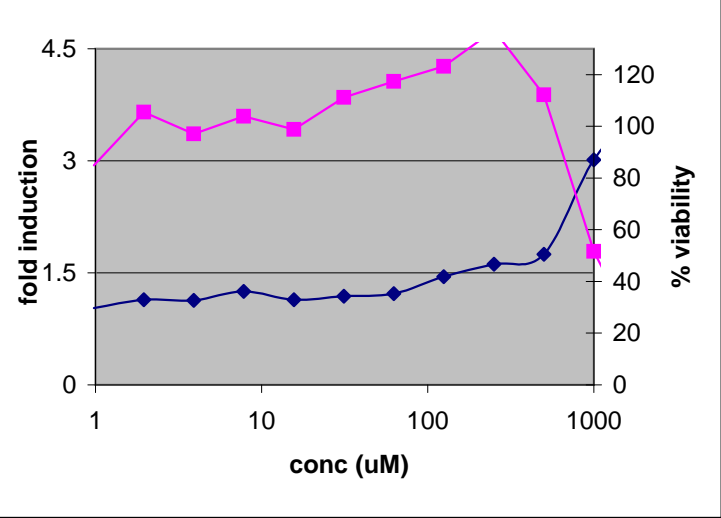
Lead lab ring study



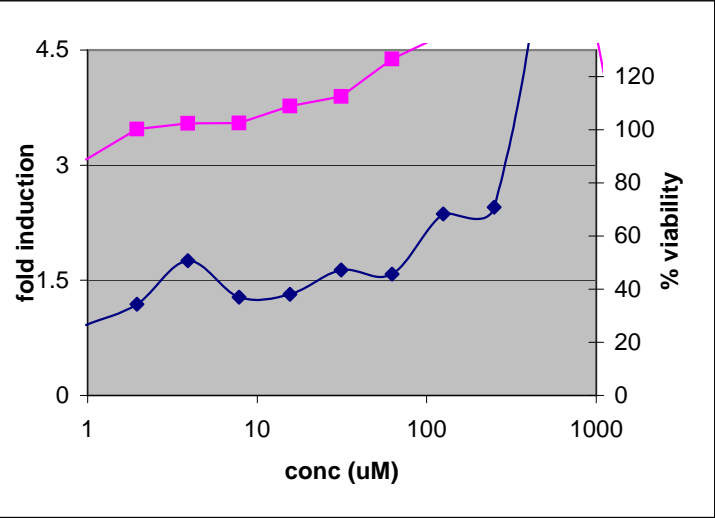
Lead lab historical



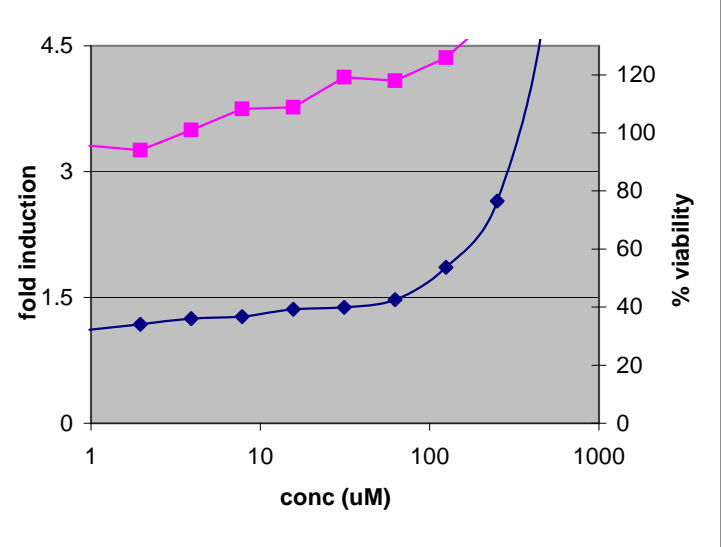
Lab 1



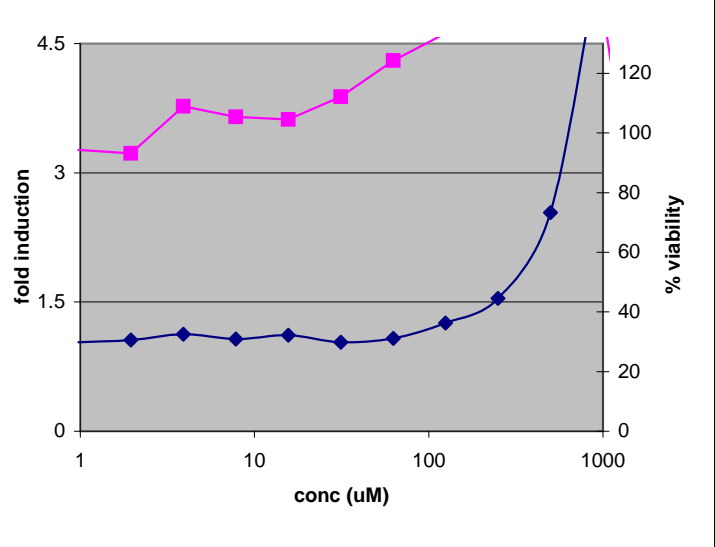
Lab 2



Lab 3



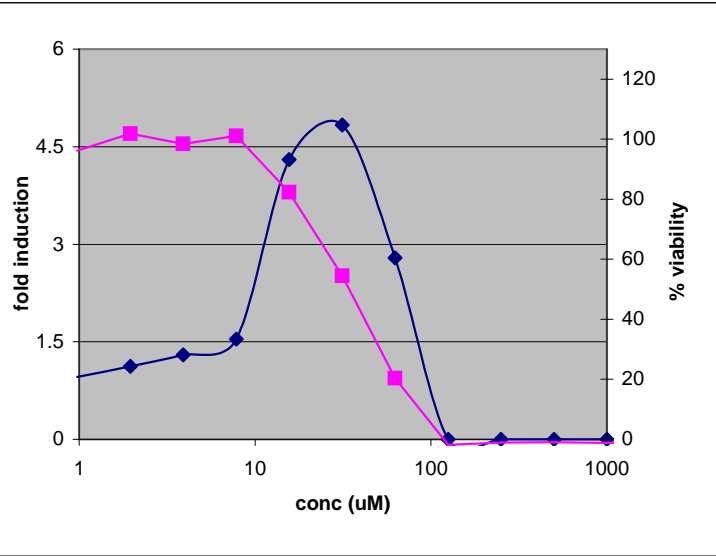
Lab 4



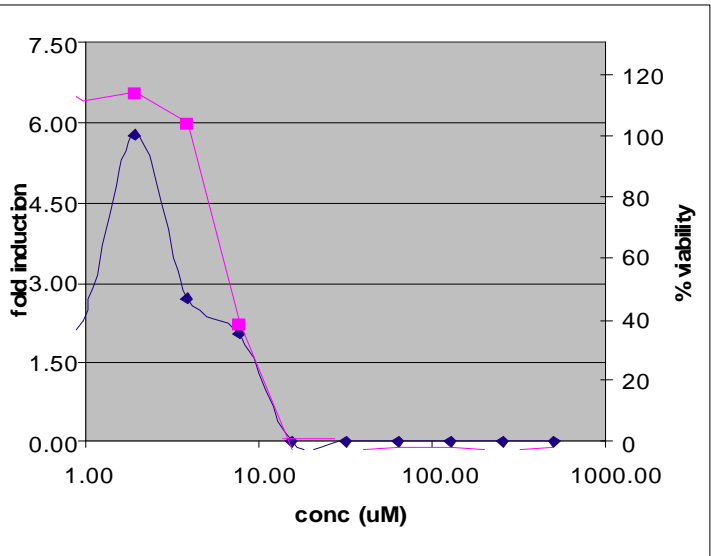
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - (5-chloro)-methylisothiazolinone

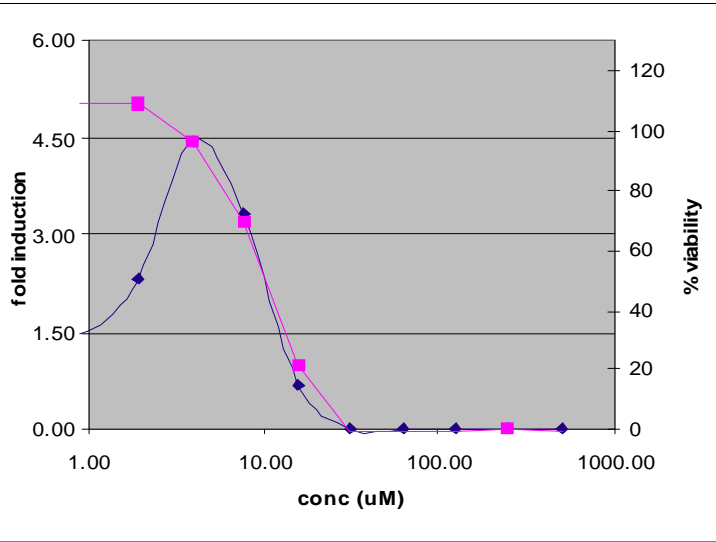
Lead lab ring study



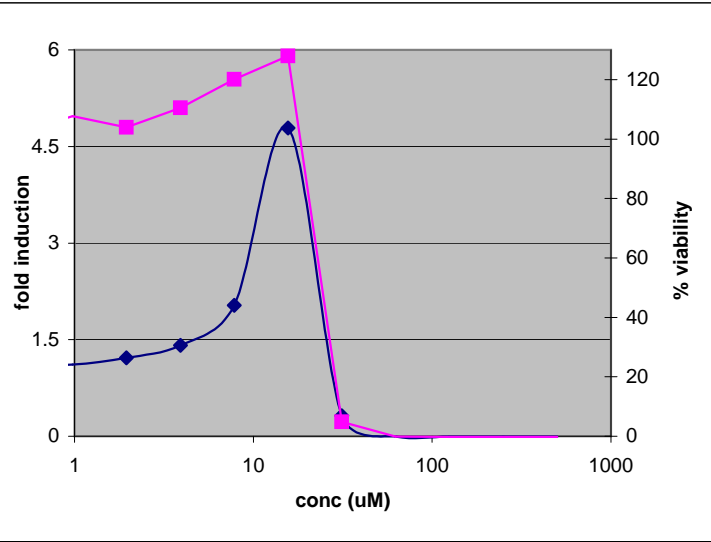
Lead lab historical



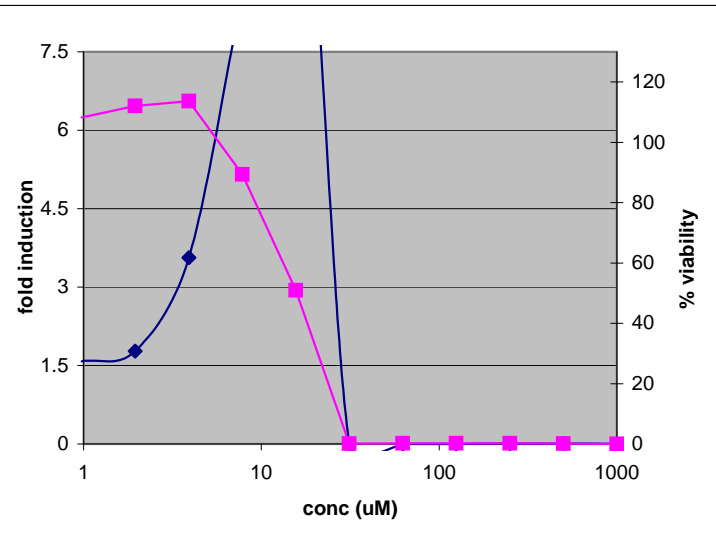
Lab 1



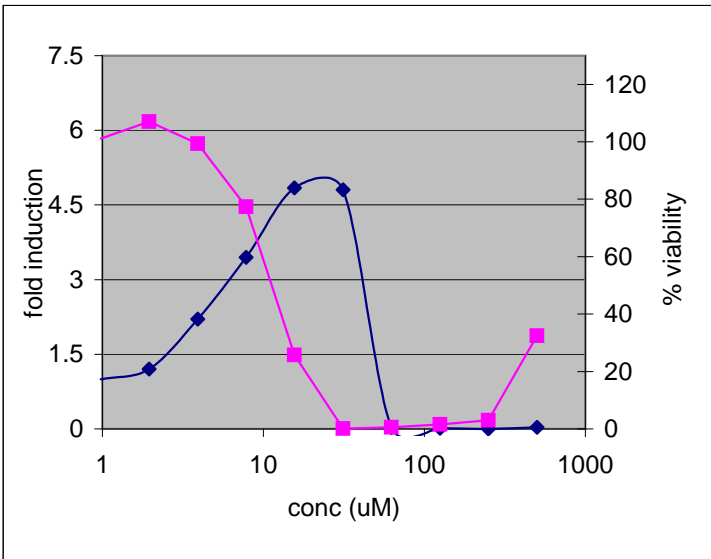
Lab 2



Lab 3



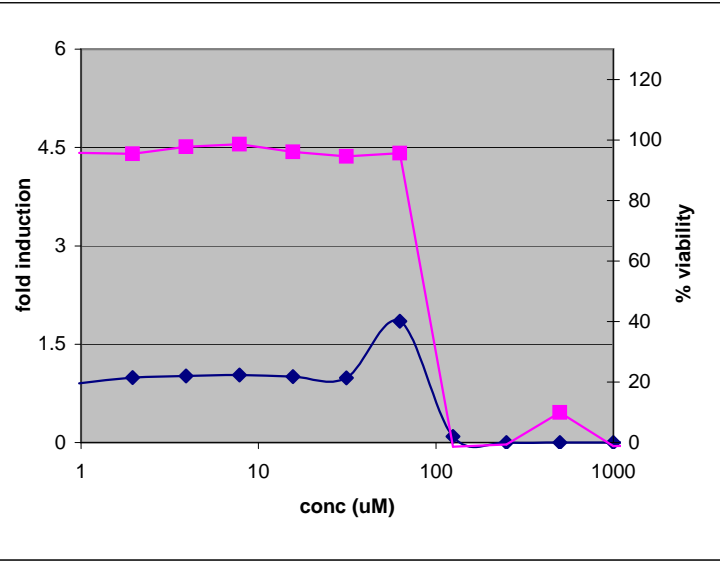
Lab 4



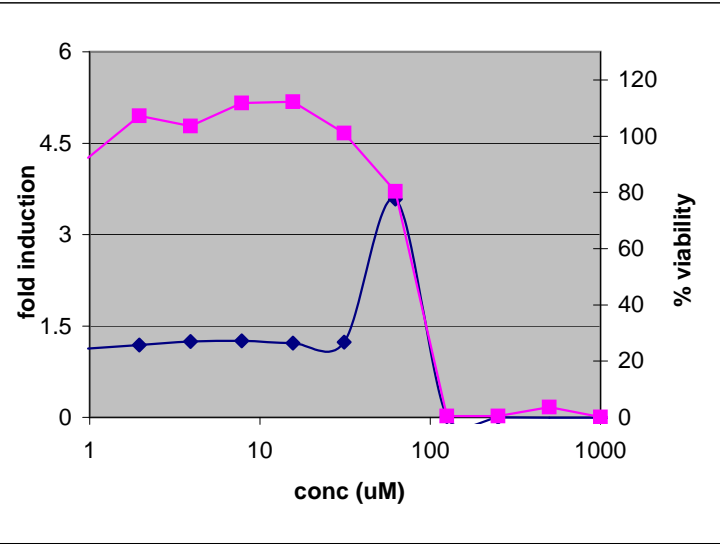
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Imidazolidinyl urea

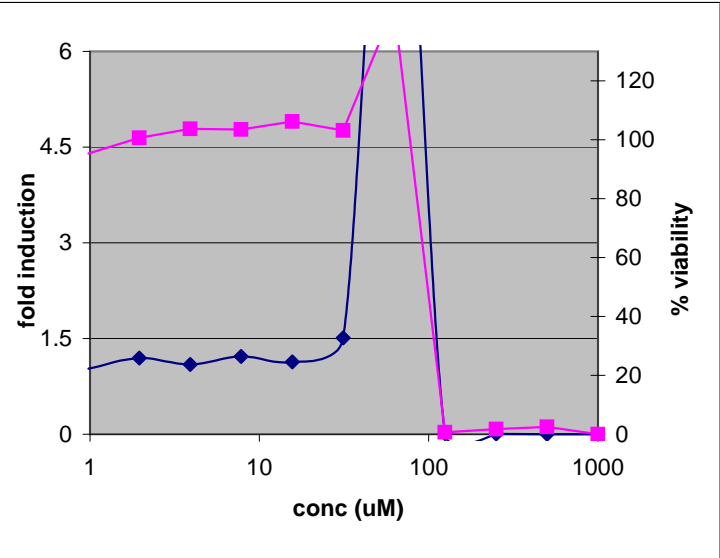
Lead lab ring study



Lab 1

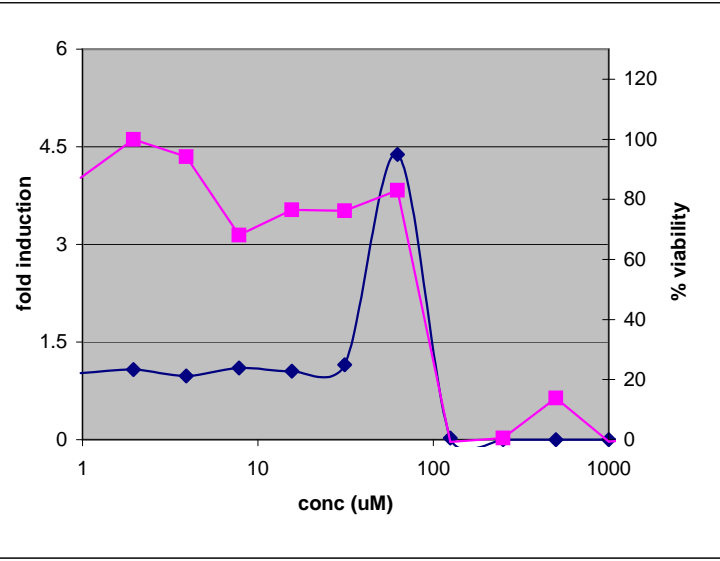


Lab 3

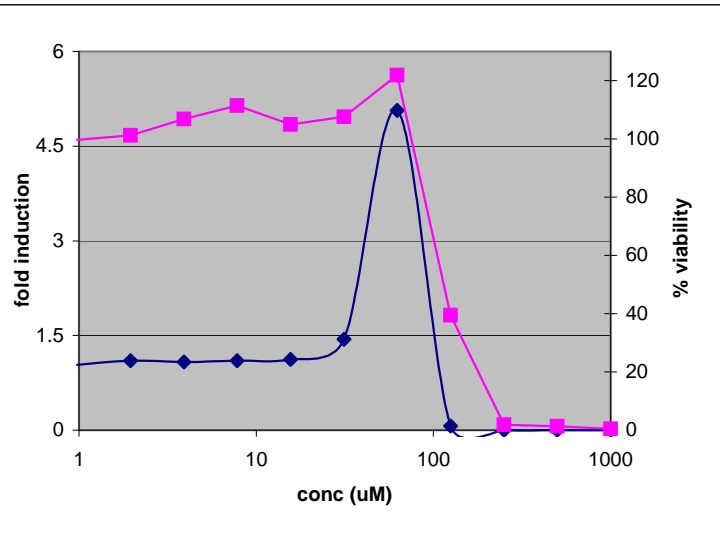


Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

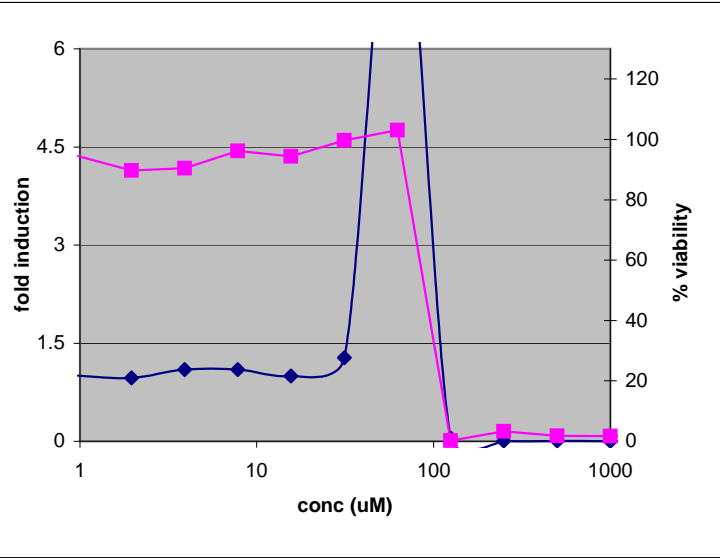
Lead lab historical



Lab 2

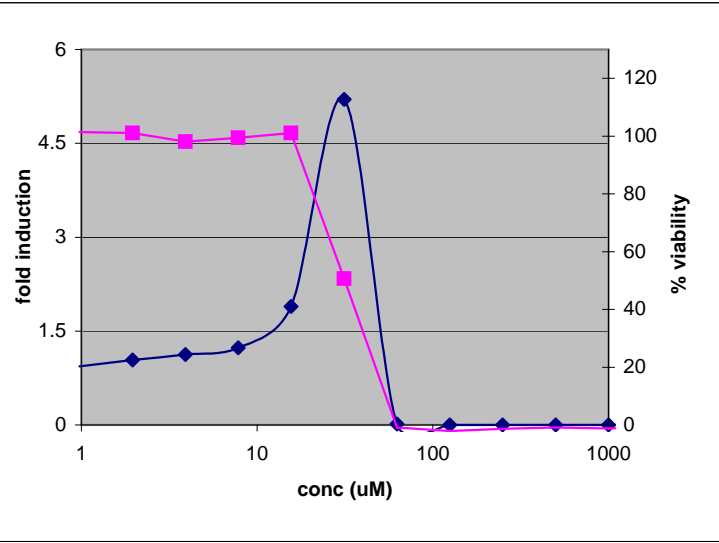


Lab 4

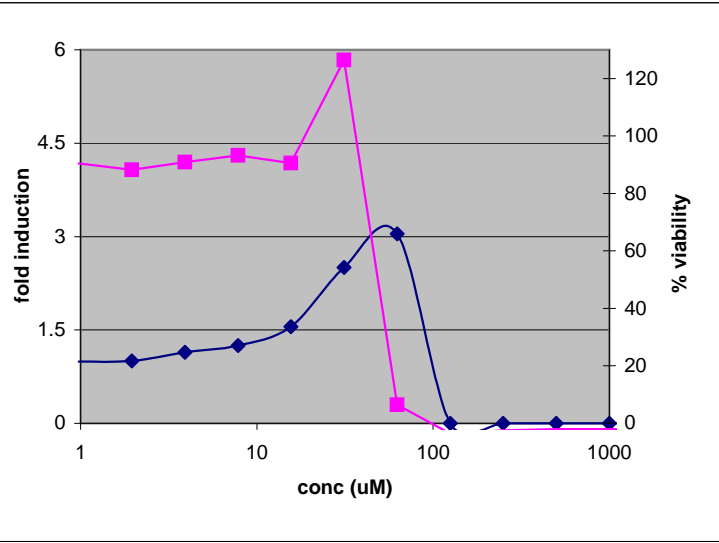


Dose response curves - Methylidibromoglutaronitrile

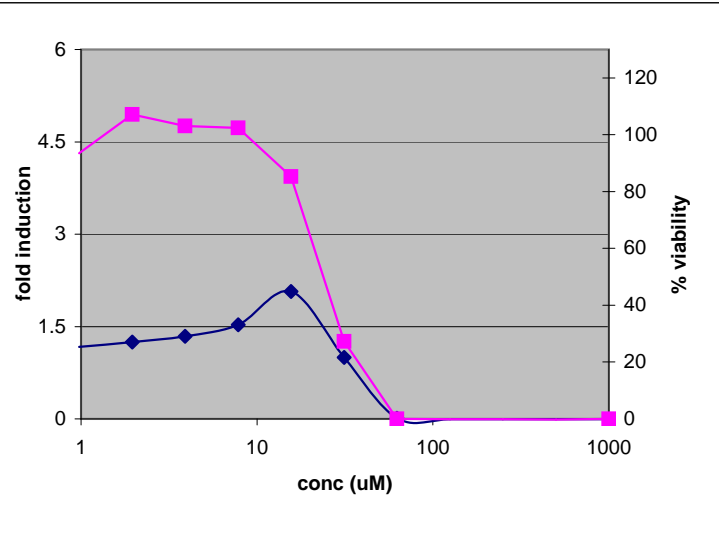
Lead lab ring study



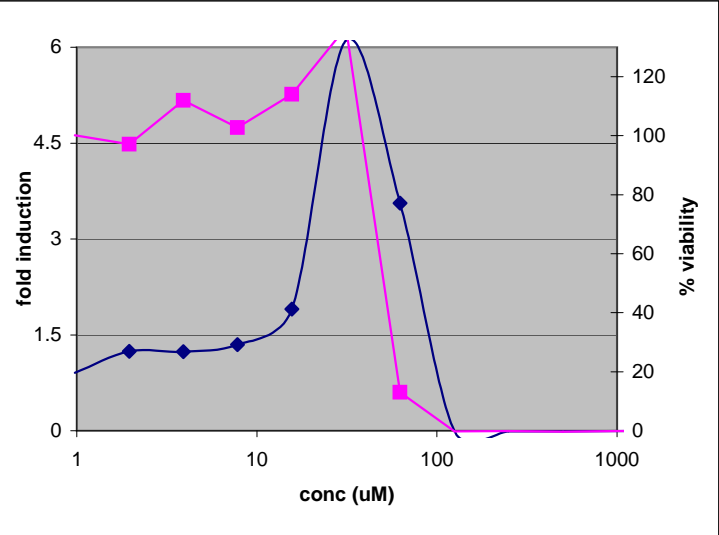
Lead lab historical



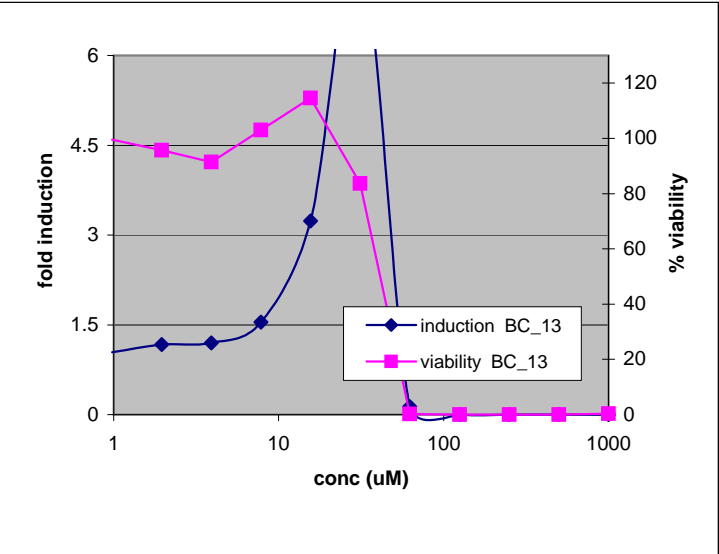
Lab 1



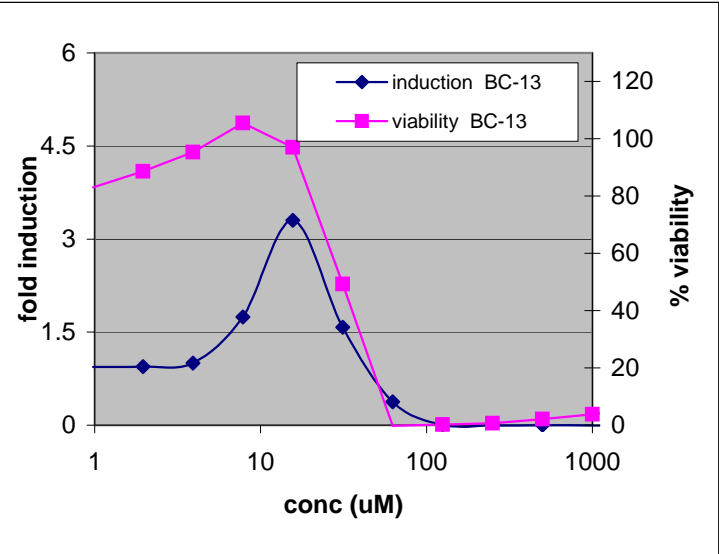
Lab 2



Lab 3



Lab 4

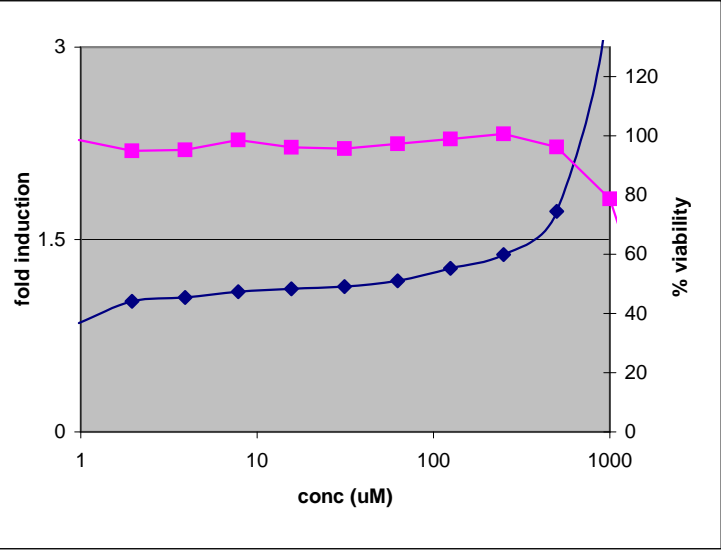


Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

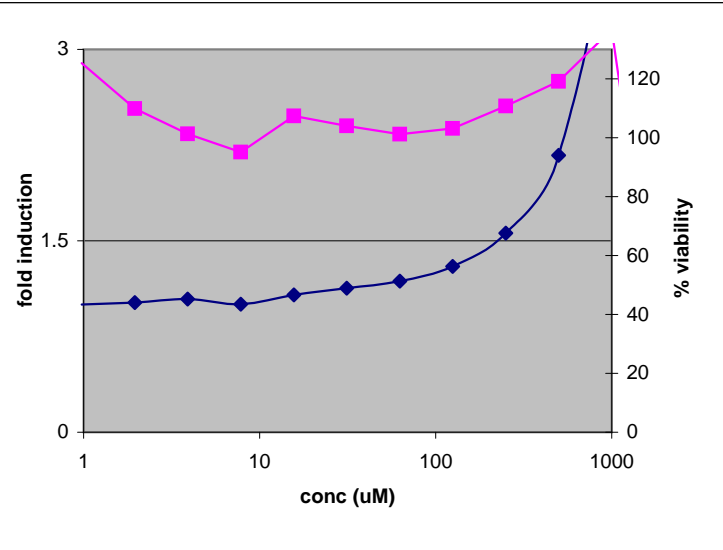
Dose response curves - Glyoxal

Note: All the Glyoxal graphs are NOT corrected for the fact that test item commercially is a 40% solution

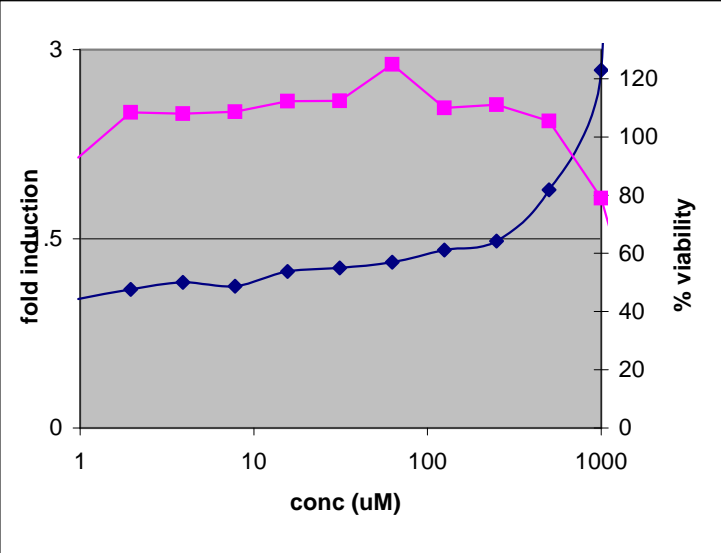
Lead lab ring study



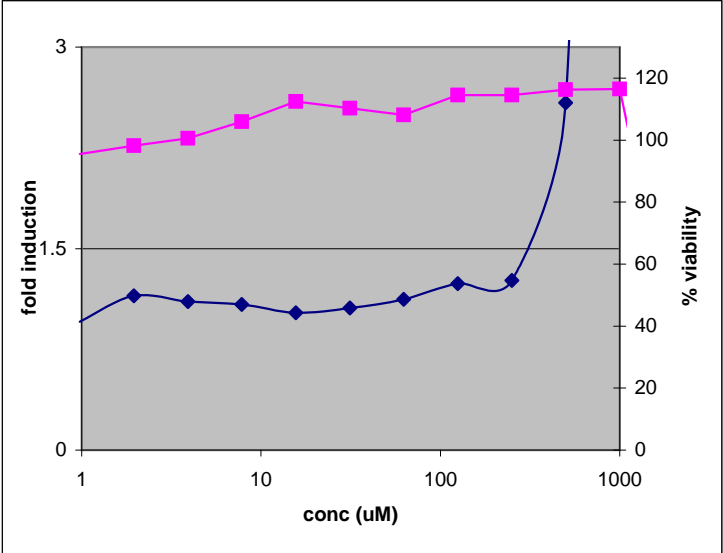
Lead lab historical



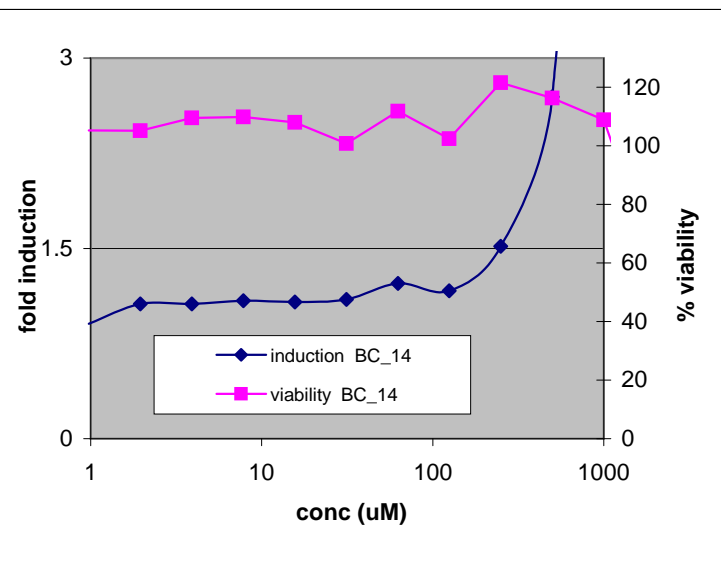
Lab 1



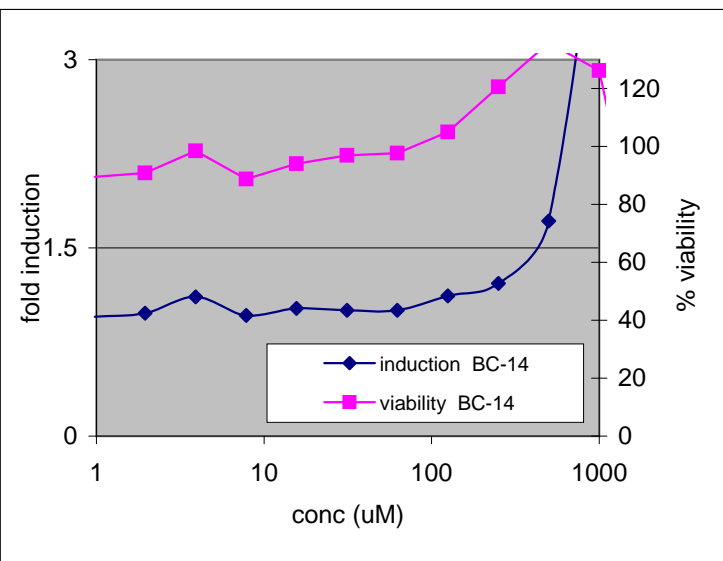
Lab 2



Lab 3



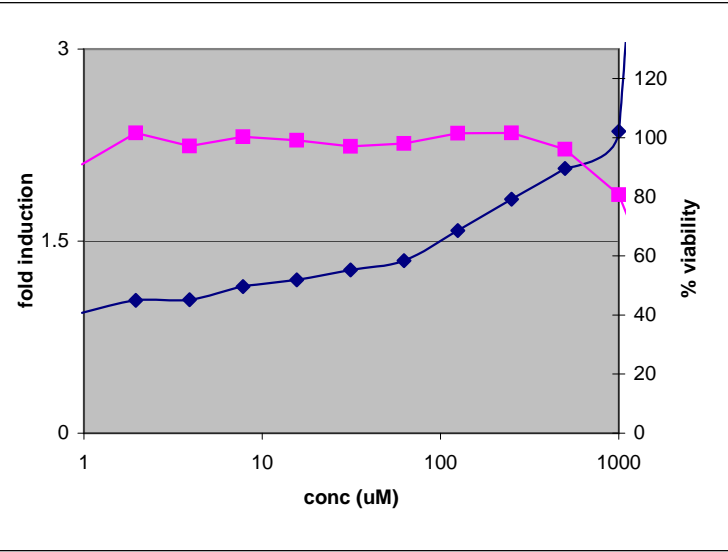
Lab 4



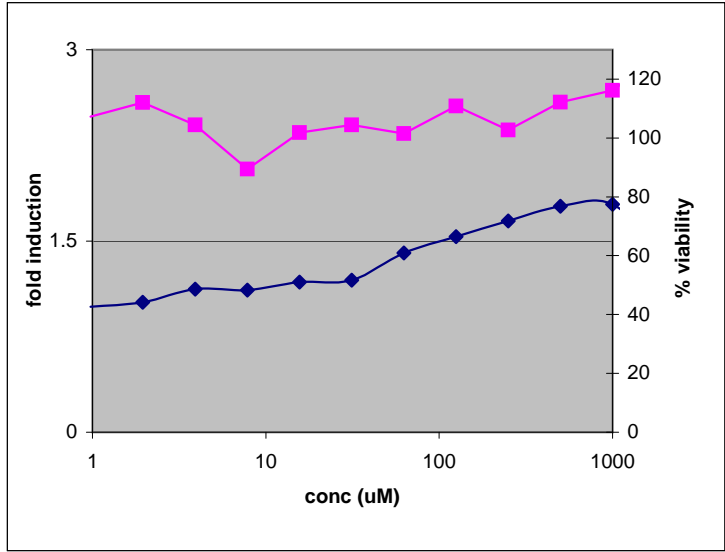
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Cinnamic alcohol

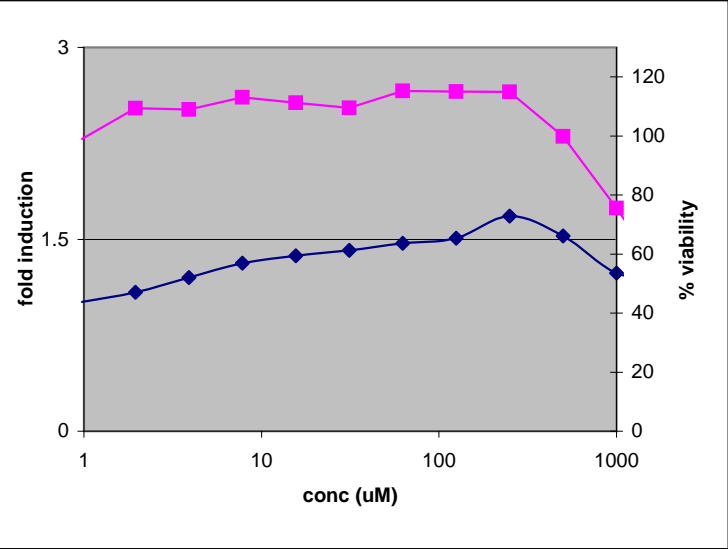
Lead lab ring study



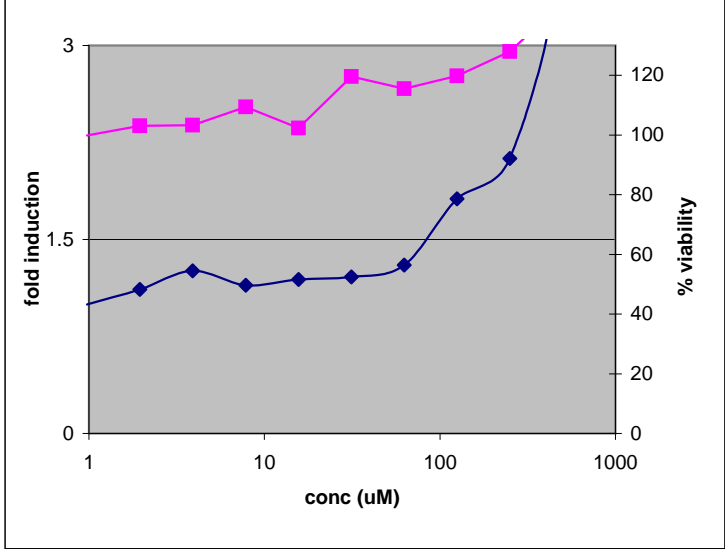
Lead lab historical



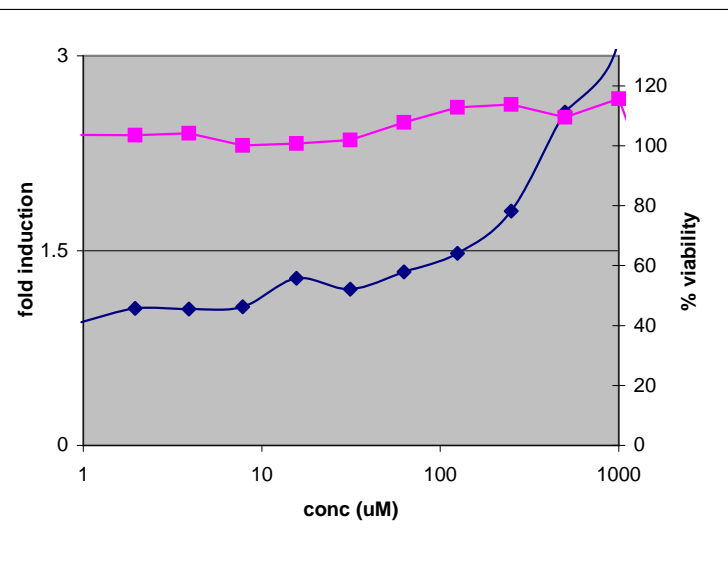
Lab 1



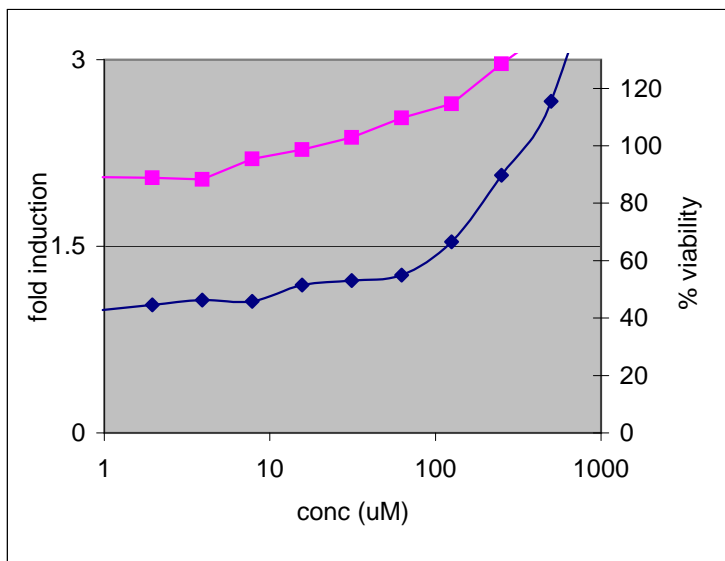
Lab 2



Lab 3



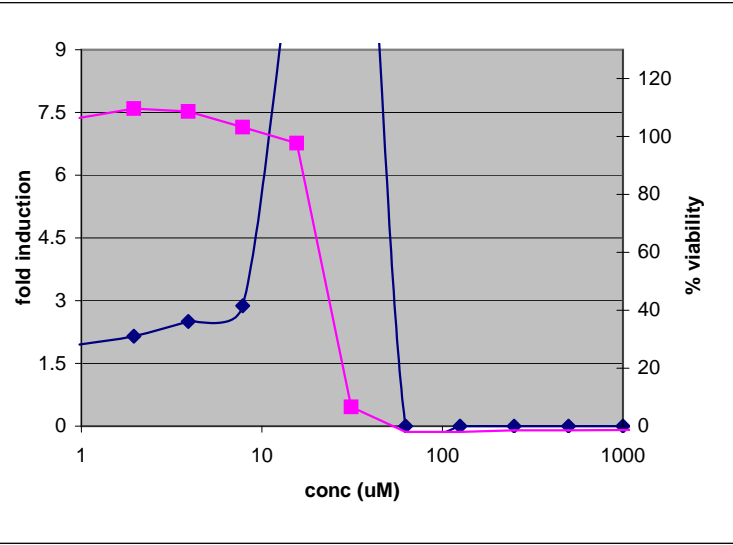
Lab 4



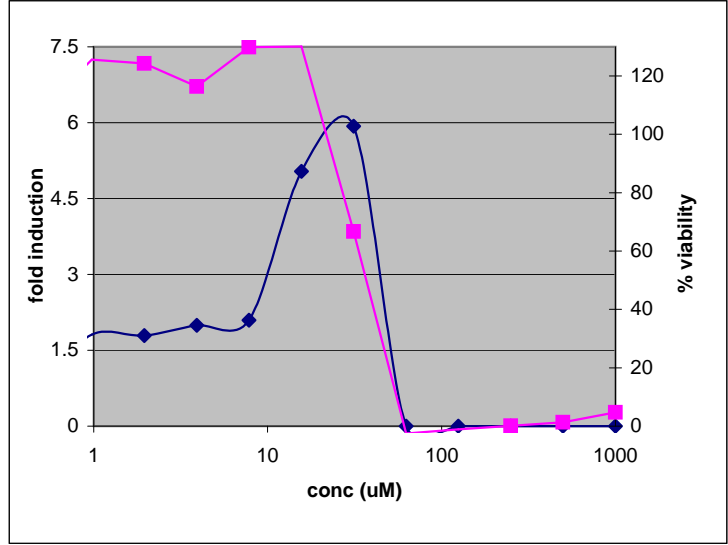
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Tetramethylthiuramdisulfide

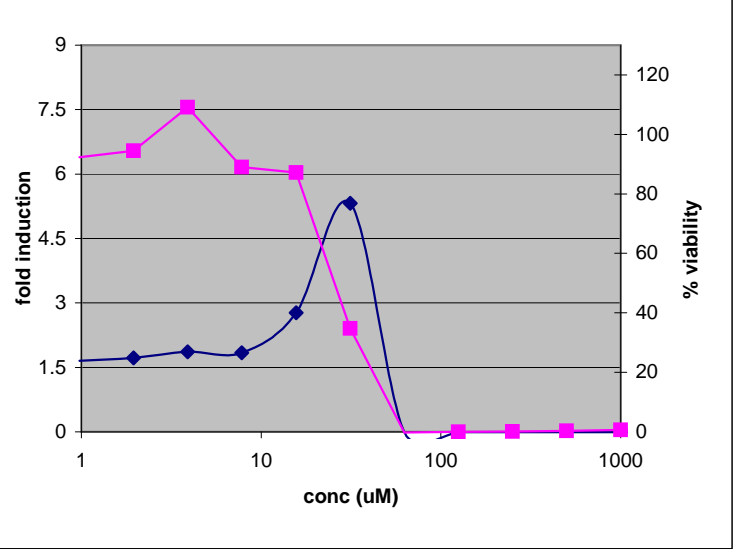
Lead lab ring study



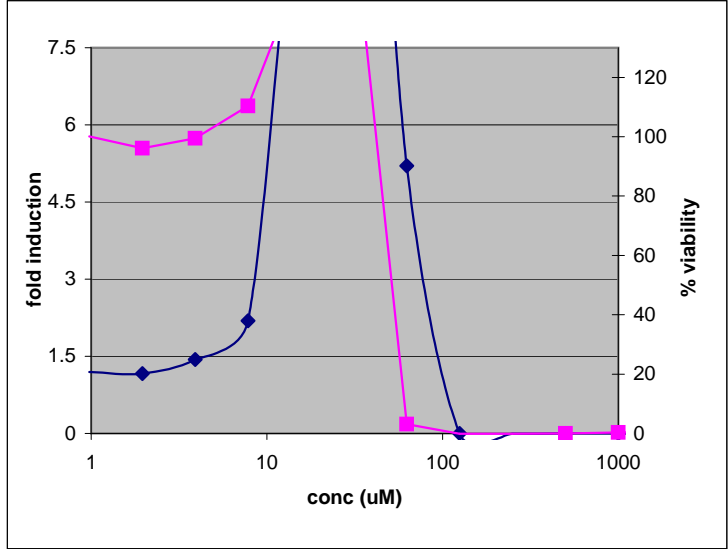
Lead lab historical



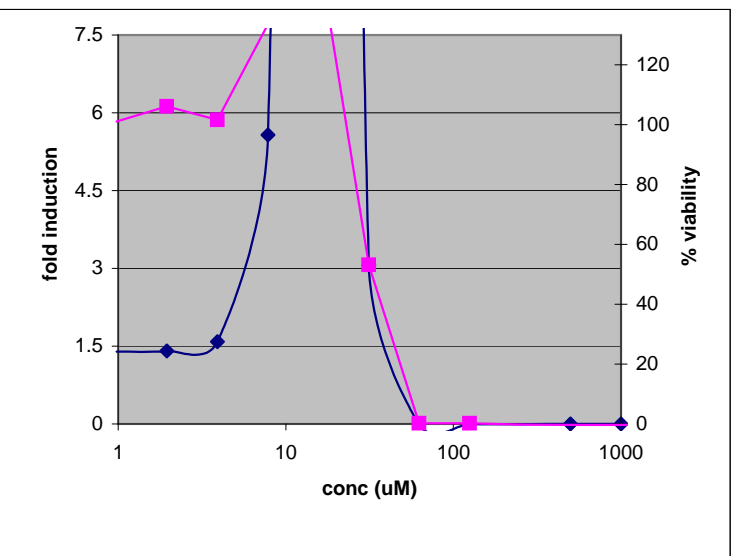
Lab 1



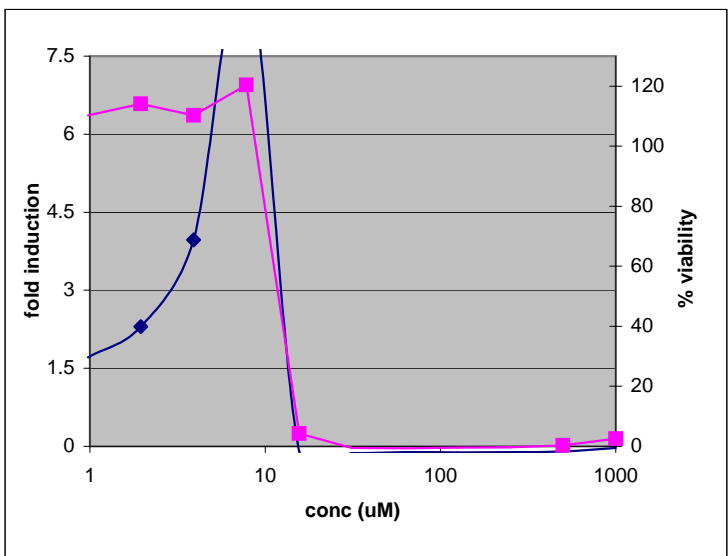
Lab 2



Lab 3



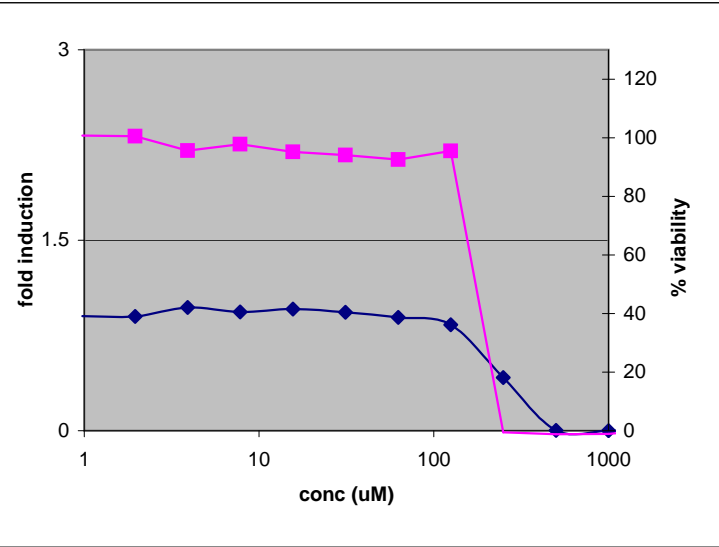
Lab 4



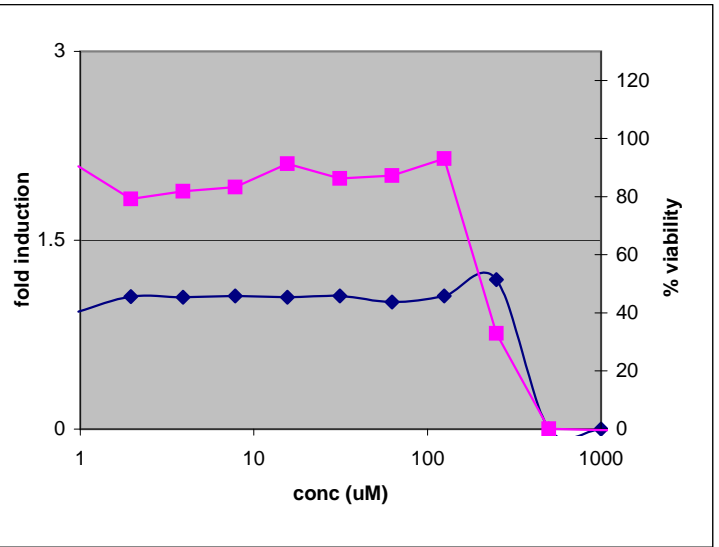
Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity

Dose response curves - Phenyl benzoate

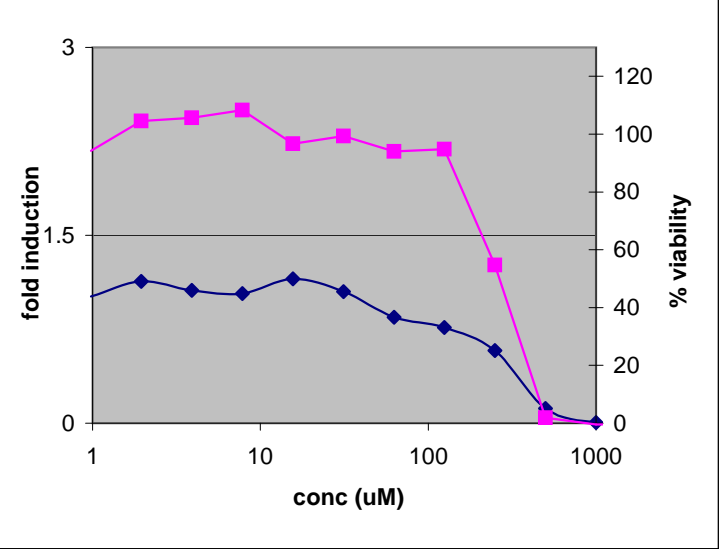
Lead lab ring study



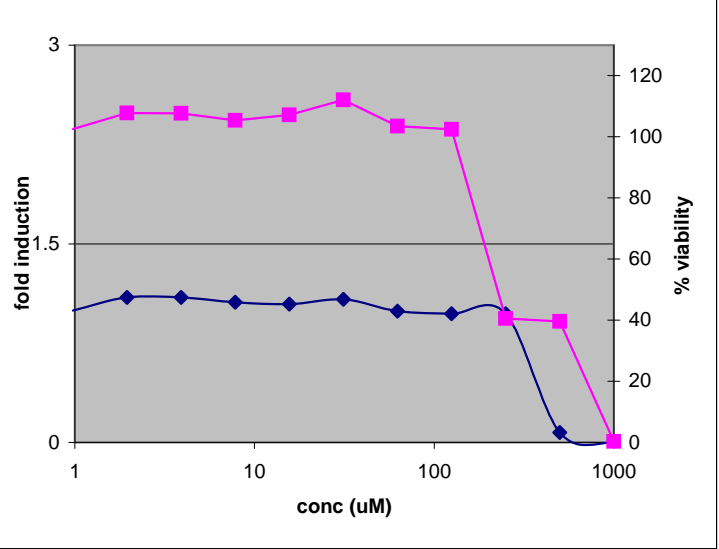
Lead lab historical



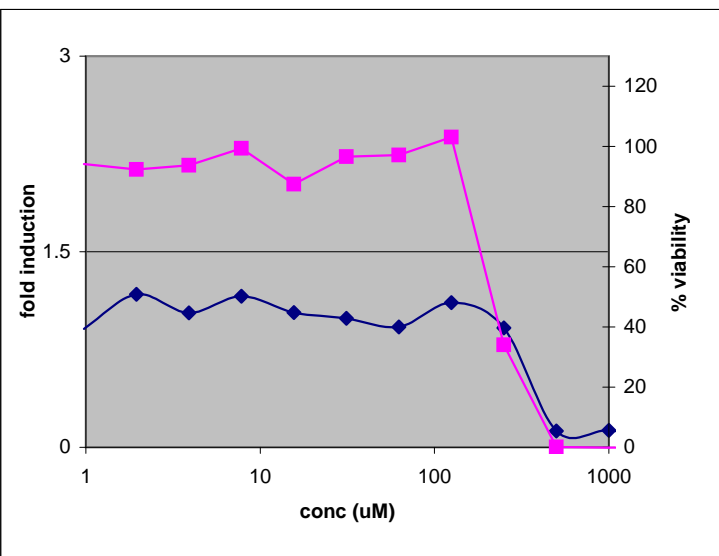
Lab 1



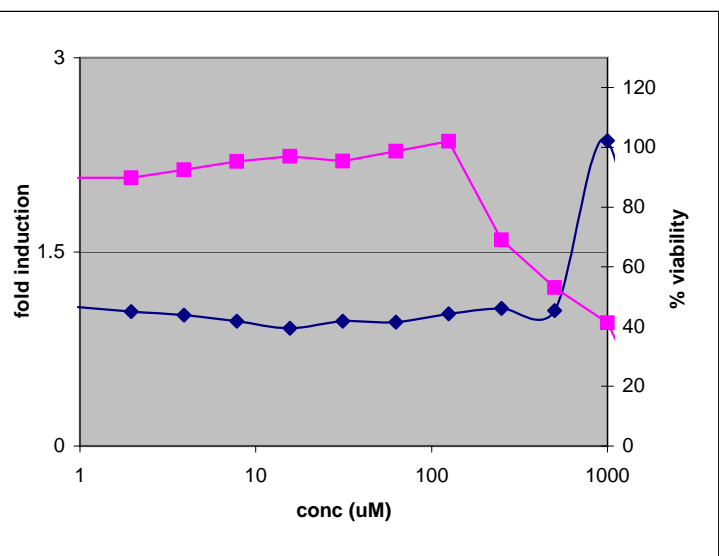
Lab 2



Lab 3



Lab 4



Pink line and squares indicate cellular viability, blue line and diamonds indicate fold-induction of luciferase activity