

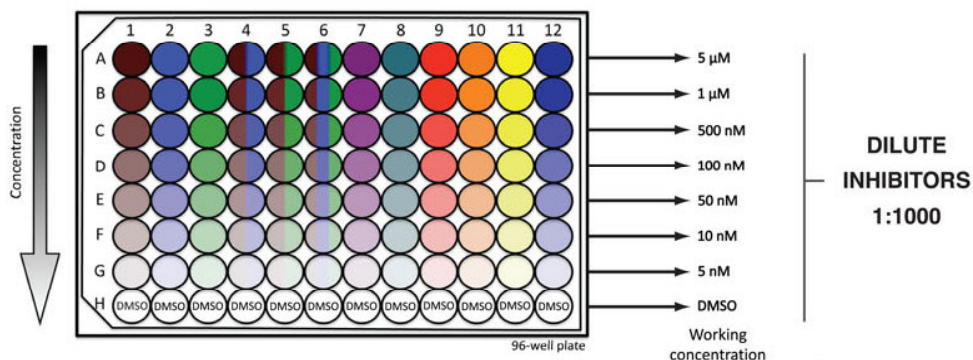
Easy 50™ inhibitor array

SIMPLE ONE STEP METHOD TO FIND WHAT CELL SIGNALLING PATHWAYS ARE INVOLVED IN THE RESPONSE YOU ARE INTERESTED IN

1

Easy50™ PI3K Inhibitor Array

Target:	p110a	p110b	p110d	p110a p110b	p110a p110d	p110a p110b p110d	p110g	PI3K	PI3K DNA-PK	mTOR	mTOR	Akt	
Inhibitor:	PIK75	TGX-221	PIK294	PIK75	PIK75	PIK75	TGX-221	AS252424	LY294002	PI-103	Rapamycin	KU63794	690693



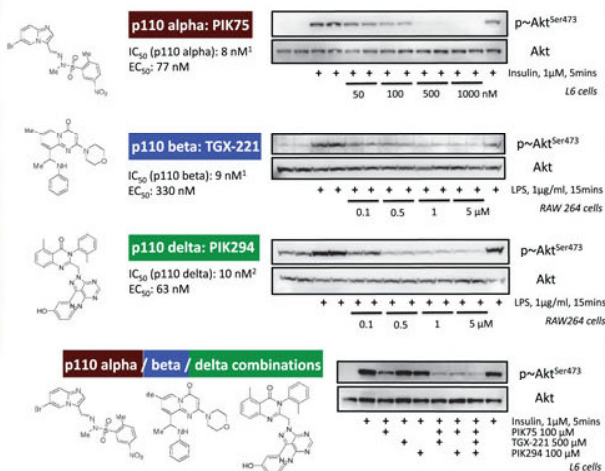
2



ADD TO CELLS

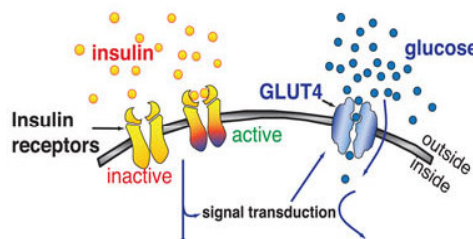
3

MEASURE EFFECT ON SIGNALLING PATHWAY (FOR EXAMPLE BY WESTERN BLOT)



4

MEASURE EFFECT ON CELLULAR PROCESSES (FOR EXAMPLE BY MEASURING GLUCOSE TRANSPORTER ACTIVITY)



If IC_{50} correlates with EC_{50} then you have evidence that the inhibitor's target is involved in the cell process of interest to you