

DEX TREATMENTS

Name _____

Date _____

- NOTE:** When adding DEX, formaldehyde, and glycine tilt the plate to gather the media to one side, add the reagents into the media by pipetting with a streaking motion. Tilt the plate side to side, front to back ~5 times to mix
- **handle plates one at a time when adding reagents and mixing - DO NOT add then wait to mix plates all at once**
- **start initial timer after DEX is mixed for 1st plate from 1st TP. For each subsequent TP set up before timer goes off.**
- When timer goes off: immediately start the timer for the next TP then begin DEX treatments -
- do not wait until mixing plates after DEX addition is completed to start timer (for subsequent TP plates only)

	500uM DEX
Square plate	20uL/plate

DEX TREATMENT: 1-6hrs

- 9:00 AM start 6hr TP - under hood, label 3 square plates w/ TP and 1-3, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 10:00 AM start 5hr TP - under hood, label 3 square plates w/ TP and 4-6, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 11:00 AM start 4hr TP - under hood, label 3 square plates w/ TP and 7-9, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 12:00 PM start 3hr TP - under hood, label 3 square plates w/ TP and 10-12, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 1:00 PM start 2hr TP - under hood, label 3 square plates w/ TP and 13-15, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 2:00 PM start 1hr TP - under hood, label 3 square plates w/ TP and 16-18, in dish order add 20uL of 500uM DEX (100 nM final) and mix
- **@3pm - split 18 plates among 3 people - each person handles 6 plates to harvest for CHIP. Formaldehyde and glycine added in same plate order as DEX**

DEX TREATMENT: 0, 30min, 7hrs, 8hrs, 10hrs, 12hrs

- 4:00 AM start 12hr TP - under hood, label 3 square plates w/ TP and 1-3, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 6:00 AM start 10hr TP - under hood, label 3 square plates w/ TP and 4-6, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 8:00 AM start 8hr TP - under hood, label 3 square plates w/ TP and 7-9, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 9:00 AM start 7hr TP - under hood, label 3 square plates w/ TP and 10-12, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 3:30 PM start 30min TP - under hood, label 3 square plates w/ TP and 13-15, in dish order add 20uL of 500uM DEX (100 nM final) and mix
 - 4:00 PM 0hr TP - DO NOT add DEX!! label 3 square plates w/ TP and 16-18
- **@ 4PM - split 18 plates among 3 people - each person handles 6 plates to harvest for CHIP. Formaldehyde and glycine added in same plate order as DEX**