

## DEX TREATMENTS - 2 dishes per Time Point

Name \_\_\_\_\_

Date \_\_\_\_\_

- NOTE:** When adding DEX, tilt the dish to gather the media to one side. Add DEX then tilt dish from side to side, front to back ~5 times to mix  
\*\*handle dishes one at a time when adding DEX and mixing - DO NOT add then wait to mix dishes 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 |
| 150mm dish | 4uL/dish  |

### DEX TREATMENT: 1-6hrs

### Harvest

- |                          |   |         |
|--------------------------|---|---------|
| <input type="checkbox"/> | 9:30 AM start 6hr TP - under hood, label 2 dishes w/ TP and 1-2, in dish order add 4uL of 500uM DEX (100 nM final) and mix    | 3:30 PM |
| <input type="checkbox"/> | 10:00 AM start 5hr TP - under hood, label 2 dishes w/ TP and 3-4, in dish order add 4uL of 500uM DEX (100 nM final) and mix   | 3:00 PM |
| <input type="checkbox"/> | 10:30 AM start 4hr TP - under hood, label 2 dishes w/ TP and 5-6, in dish order add 4uL of 500uM DEX (100 nM final) and mix   | 2:30 PM |
| <input type="checkbox"/> | 11:00 PM start 2hr TP - under hood, label 2 dishes w/ TP and 7-8, in dish order add 4uL of 500uM DEX (100 nM final) and mix   | 2:00 PM |
| <input type="checkbox"/> | 11:30 PM start 2hr TP - under hood, label 2 dishes w/ TP and 9-10, in dish order add 4uL of 500uM DEX (100 nM final) and mix  | 1:30 PM |
| <input type="checkbox"/> | 12:00 PM start 1hr TP - under hood, label 2 dishes w/ TP and 11-12, in dish order add 4uL of 500uM DEX (100 nM final) and mix | 1:00 PM |

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

### Harvest

- |                          |   |         |
|--------------------------|---|---------|
| <input type="checkbox"/> | 5:00 AM start 12hr TP - under hood, label 2 dishes w/ TP and 1-2, in dish order add 4uL of 500uM DEX (100 nM final) and mix   | 5:00 PM |
| <input type="checkbox"/> | 6:30 AM start 10hr TP - under hood, label 2 dishes w/ TP and 3-4, in dish order add 4uL of 500uM DEX (100 nM final) and mix   | 4:30 PM |
| <input type="checkbox"/> | 8:00 AM start 8hr TP - under hood, label 2 dishes w/ TP and 5-6, in dish order add 4uL of 500uM DEX (100 nM final) and mix    | 4:00 PM |
| <input type="checkbox"/> | 8:30 AM start 7hr TP - under hood, label 2 dishes w/ TP and 7-8, in dish order add 4uL of 500uM DEX (100 nM final) and mix    | 3:30 PM |
| <input type="checkbox"/> | 2:30 PM start 30min TP - under hood, label 2 dishes w/ TP and 9-10, in dish order add 4uL of 500uM DEX (100 nM final) and mix | 3:00 PM |
| <input type="checkbox"/> | 2:30 PM 0hr TP - DO NOT ADD DEX!! label 2 dishes w/ TP and 11-12  | 2:30 PM |