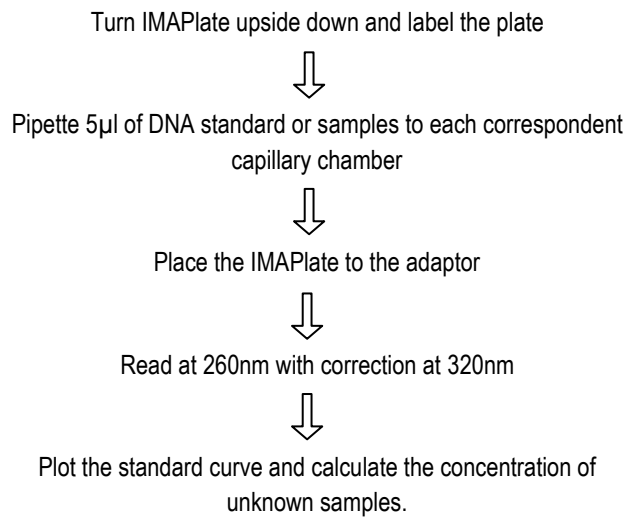


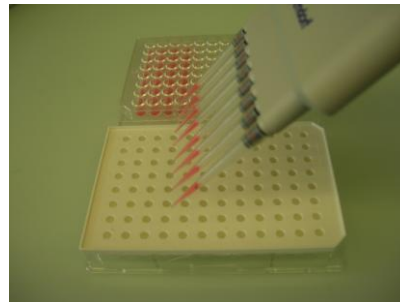
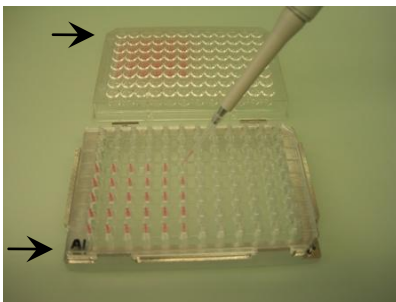
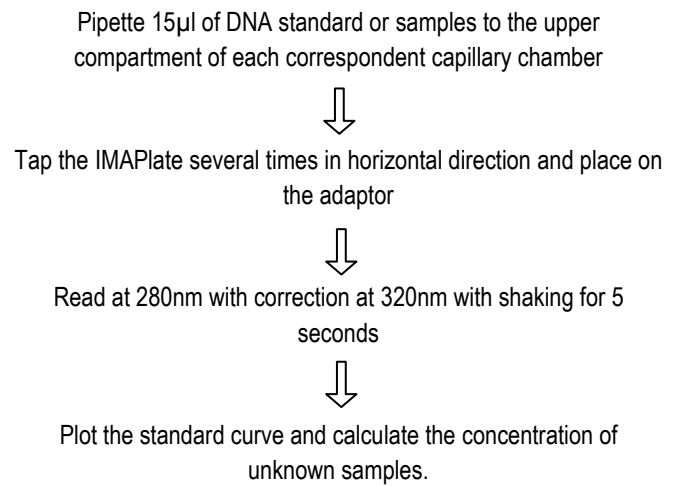
**Using IMAPlate 5RC96 to quantify DNA by UV spectrophotometric method**

**ASSAY PROCEDURE:**

**5µl of DNA samples**



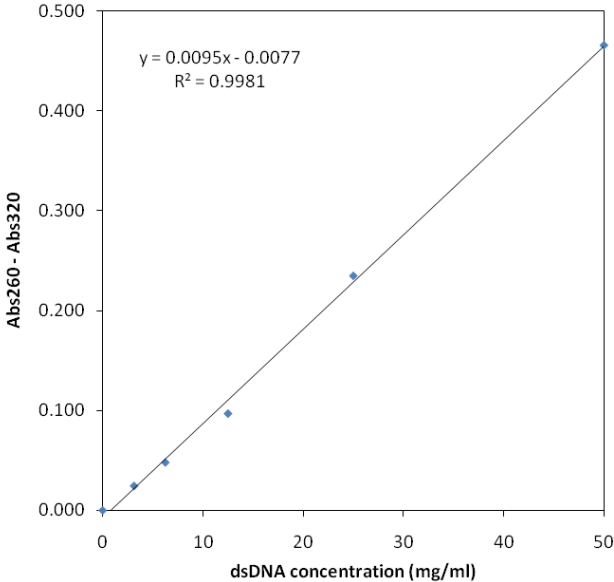
**15µl of DNA samples**



**RESULTS:**

1) DNA standard curve with 5µl of two-fold serial diluted calf-thymus DNA in PBS:

| mg/ml | Mean Abs | SD    | CV%  |
|-------|----------|-------|------|
| 0     | 0.000    | 0.002 | 60.0 |
| 3.1   | 0.025    | 0.006 | 13.2 |
| 6     | 0.048    | 0.001 | 1.1  |
| 13    | 0.097    | 0.005 | 4.3  |
| 25    | 0.235    | 0.002 | 0.8  |
| 50    | 0.466    | 0.004 | 0.7  |



2) DNA standard curve with 15µl of two-fold serial diluted calf-thymus DNA in PBS:

| mg/ml | Mean Abs | SD    | CV%  |
|-------|----------|-------|------|
| 0     | 0.000    | 0.004 | 53.0 |
| 3.1   | 0.025    | 0.002 | 12.9 |
| 6     | 0.057    | 0.003 | 5.8  |
| 13    | 0.131    | 0.001 | 0.6  |
| 25    | 0.292    | 0.002 | 0.7  |
| 50    | 0.621    | 0.008 | 1.4  |

