Hypothesis Testing-LabTAT

```
> ## Normality Test ##
> ad.test(Laboratory.1)
       Anderson-Darling normality test
data: Laboratory.1
A = 0.31823, p-value = 0.5322
> ad.test(Laboratory.2)
       Anderson-Darling normality test
data: Laboratory.2
A = 0.2519, p-value = 0.7331
> ad.test(Laboratory.3)
       Anderson-Darling normality test
data: Laboratory.3
A = 0.30013, p-value = 0.5768
> ad.test(Laboratory.4)
       Anderson-Darling normality test
data: Laboratory.4
A = 0.37038, p-value = 0.4194
```

All four data set are normally distributed as P-value of all is > 0.05

Test for equal Variance

P-value is 2e-16 < 0.05 so rejecting Ho and accepting Ha. There is significant difference between the mean

TAT values of 4 different laboratories.