

Distinguish, differentiate, compare and explain what is the main difference between Vital and Total lung capacity. Comparison and Differences.

Difference between Vital and Total lung capacity

S.No.	Vital Capacity	Total Lung Capacity
1	It is the amount of air which one can inhale and exhale with maximum effort.	It is the total amount of air present in the lungs and the respiratory passage after a maximum inspiration.
2	It is the sum of tidal volume, inspiratory reserve volume and expiratory reserve volume ($VC = TV + IRV + ERV$). It varies from 4 to 4.6 liters in a normal adult person.	It is the sum of the vital capacity and the residual volume ($TLC = VC + RV$). It is from 5100 to 5800 mL.