



DNA concentration:

- DNA concentration ($\mu g / \mu l$) = OD at 260 nm × standard value.
- If OD260 is 1.00, it is equivalent to 50 μg DNA per ml (standard).

Purity of DNA:

- purity of DNA=OD at 260/OD at 280
- Pure DNA ratio between 1.6-2.0
- If the ratio less than 1.6 that indicates the present of protein contamination
- If the ration more than 2.0 that indicates the present of RNA contamination





























