



DNA Extraction

Reliability of the method used for the isolation or purification of DNA from biological samples is of critical importance when considering the success of subsequent downstream molecular applications and successful completion of your project.

When it comes to handling problems associated with obtaining high quality DNA good for your downstream applications, the IITA Bioscience center provides the lasting solution.

We check the quality and quantity of the DNA by:

- ensuring that the 260/280 absorbance ratio is 1.8,
- cutting the DNA with restriction enzymes, run on an agarose gel and comparing the intensity of the DNA with a DNA marker of known concentration.

We have modified and effective methods for extracting DNA from various organism including:

- Yam
- Cassava
- Rice
- Maize
- Cowpea
- Shea butter
- Vernonia
- Hibiscus sabdariffa
- Insects



Below are examples of some of the works we have done:



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