



Extracting DNA from a Kiwi

& Staining it with UI!



Materials Needed



1 KIWI

WATER + SOAP



SALT + ALCOHOL



FILTER + CUP



LOOK! KIWI DNA!

DNA in Iodine



Step by Step Guide

1. MASH THE KIWI

Smash it up!



2. ADD EXTRACTION MIX

Water, Soap & Salt



3. FILTER THE MIX

Pour through a filter.



4. ADD COLD ALCOHOL

DNA will appear!



5. PULL OUT THE DNA

Grab the DNA!



6. STAIN WITH UI

Add Lugol's Iodine.



WHY DOES IT TURN RED?

Iodine stains the DNA, turning it **RED**!

