

Subject Sample JME-2

Instructor's Name

AFB₁-DNA Adduct Project

4/13/76

Purpose: The experiment done last week (JME-1) went well and we have decided to make more adduct, since there are microsomes left over.

4/13/76 - 4/16/76

Amount of DNA: ~ 250 mg this time

The sequence of events and observations were the same as for JME-1

The samples were stored in ethanol

4/14/76

Bill Busby has finished the hydrolysis of JME-1 DNA-AFB₁ adduct. The hydrolysate was deproteinized with (2) volumes of ethanol (final volume = 300 ml) and centrifuged. The supernatant is stored in the refrigerator.

Proposed Method of Operation:

1. remove the bulk of the ethanol by rotary evaporation
2. ~~extract~~ (attempt to) the adduct with polar organic solvents from small portions of the hydrolysate.
3. Concentrate extract + purify by RPC.