

Blood Type Procedure.

1. Label 2 wells A and B
2. Add 5 drops of imitation blood to each well
3. Add 5 drops of anti A to well A and 5 drops of anti B to well B
4. Record results in data sheet.
5. Repeat steps 1-4 for each suspect in the case

BLOOD TYPE RESULTS: +veA=A +veB=B +both=AB -ve both=O

Sample Obtained from	Anti A Positive or negative	Anti B Positive or negative	Blood type A, B, AB or O	Is this suspect excluded from the investigation?
Suspect 1				
Suspect 2				
Suspect 3				

DNA ANALYSIS PROCEDURE

1. locate CCGG sites on the DNA strand.
2. Use the restriction enzyme to cut between the C and G. (scissors or sharpies)
3. Count the DNA fragments. Record result.
4. Count the # of bases ATCG in each fragment. Record result.
5. Repeat procedure for each DNA analysis.

DNA ANALYSIS RESULTS

Sample obtained from	# of fragments cut from DNA strand	# of bases in each fragment
Victim		
Unknown At Crime Scene		
Suspect 1		
Suspect2		
Suspect3		

Victim blood type is type B

Unknown blood from crime scene is type A