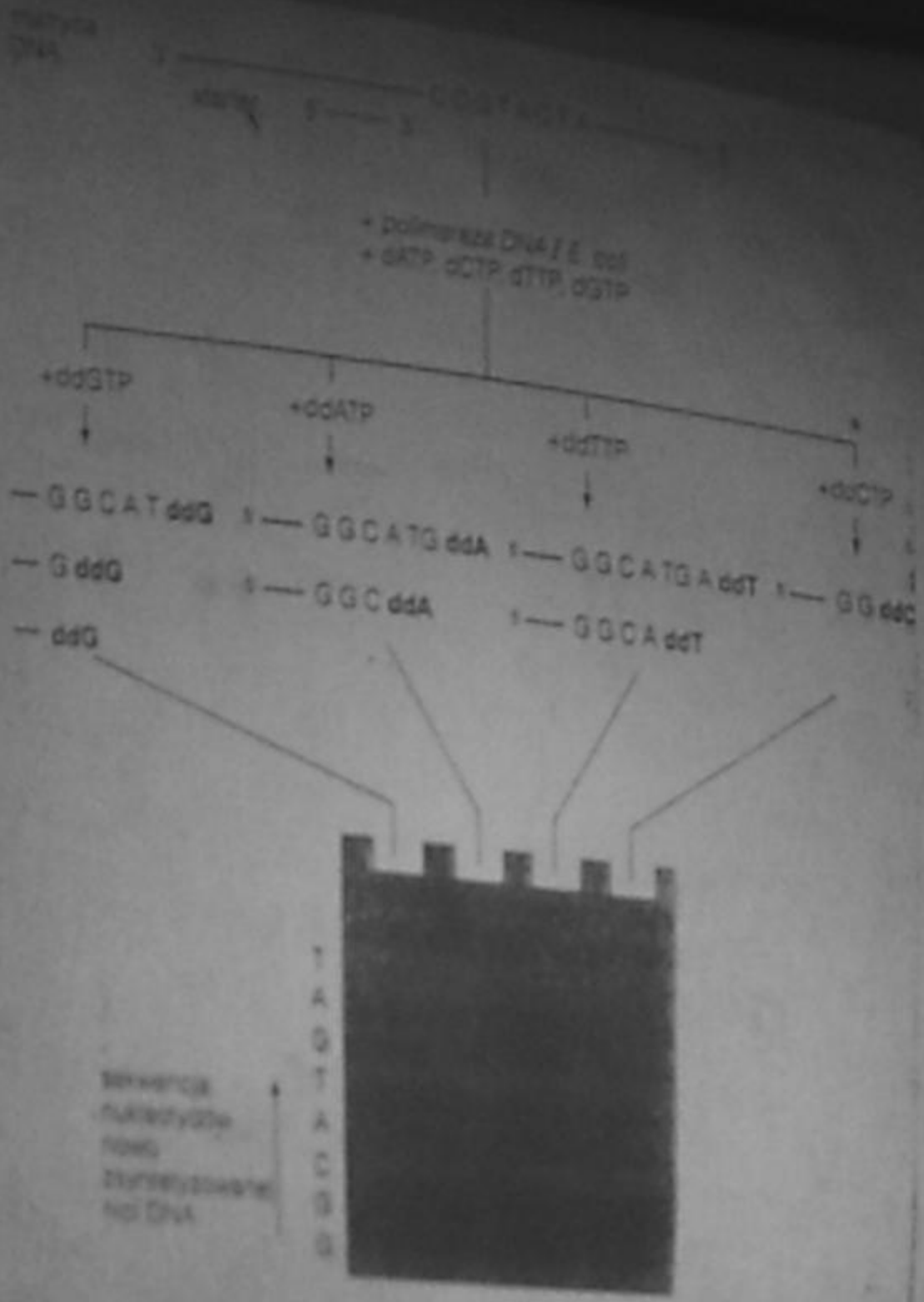
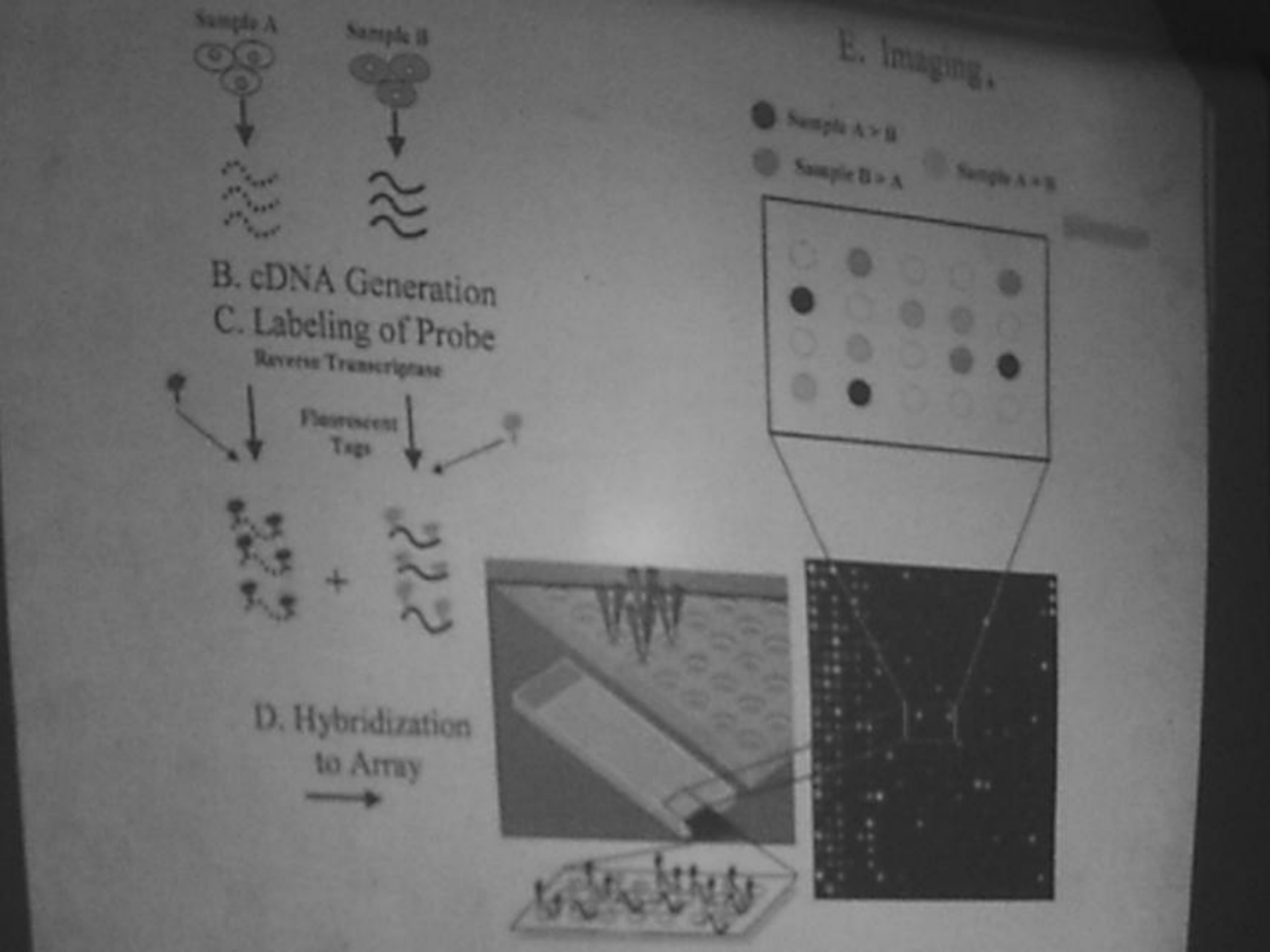
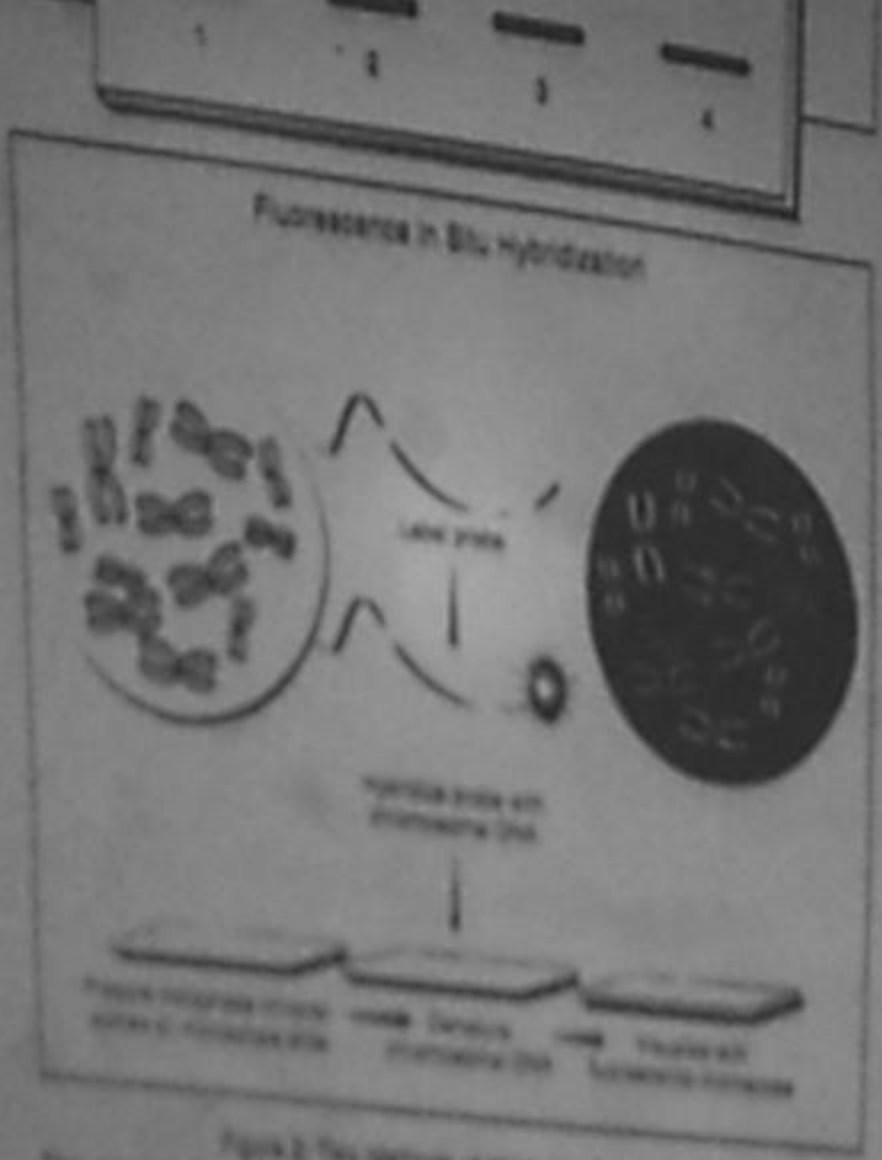
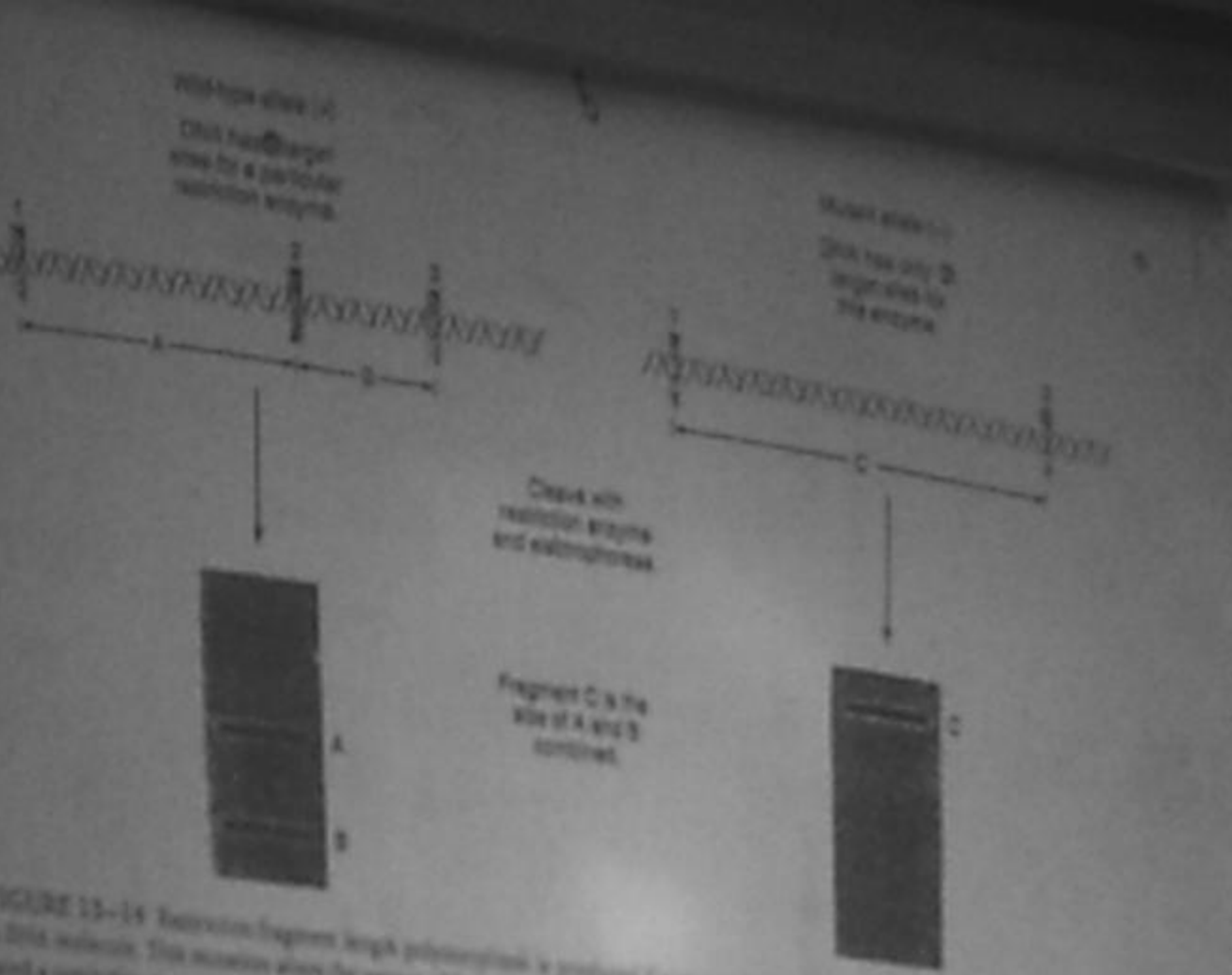
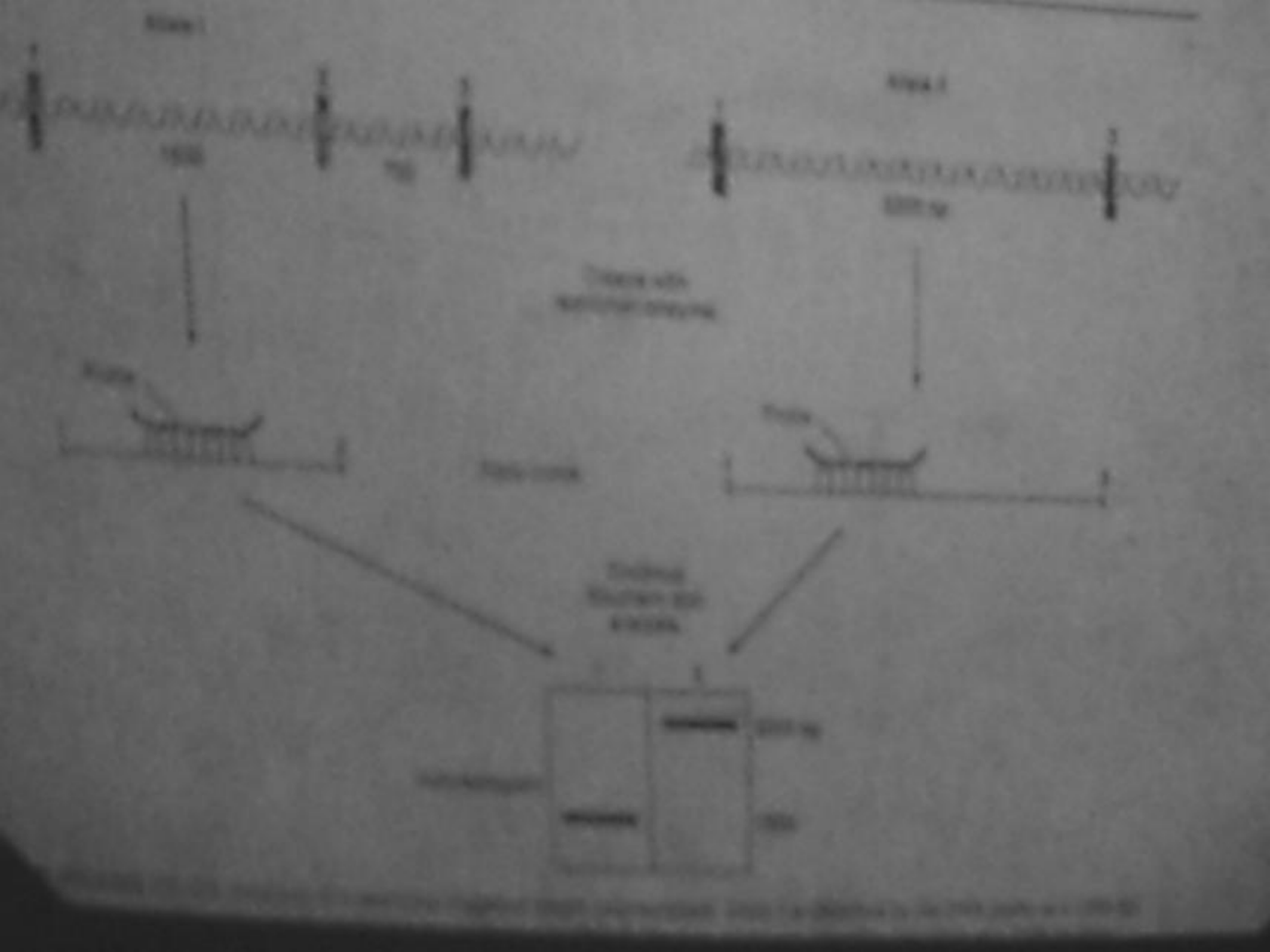


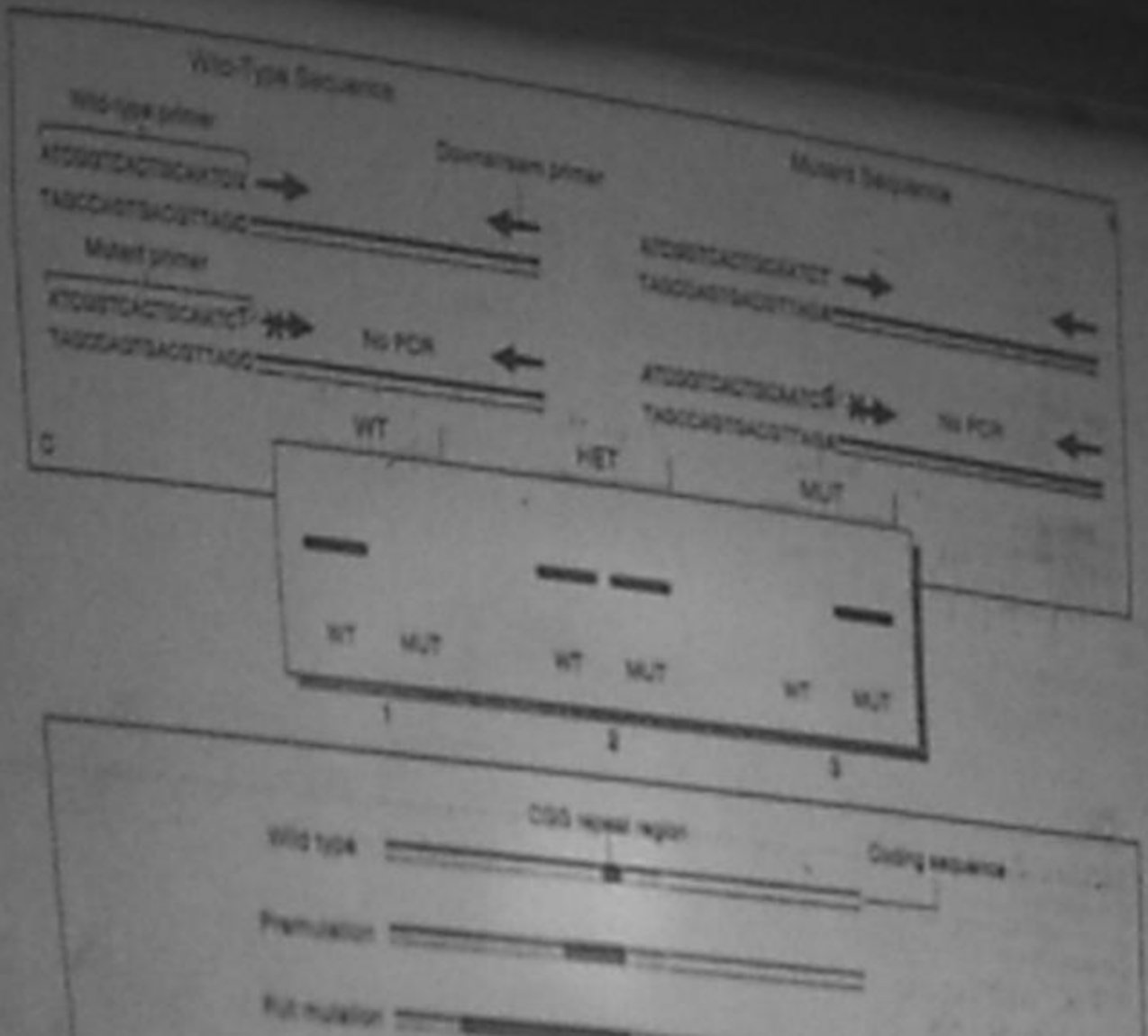
Rys. 1. Sekwencjonowanie DNA metodą „dideoksy" Sangera

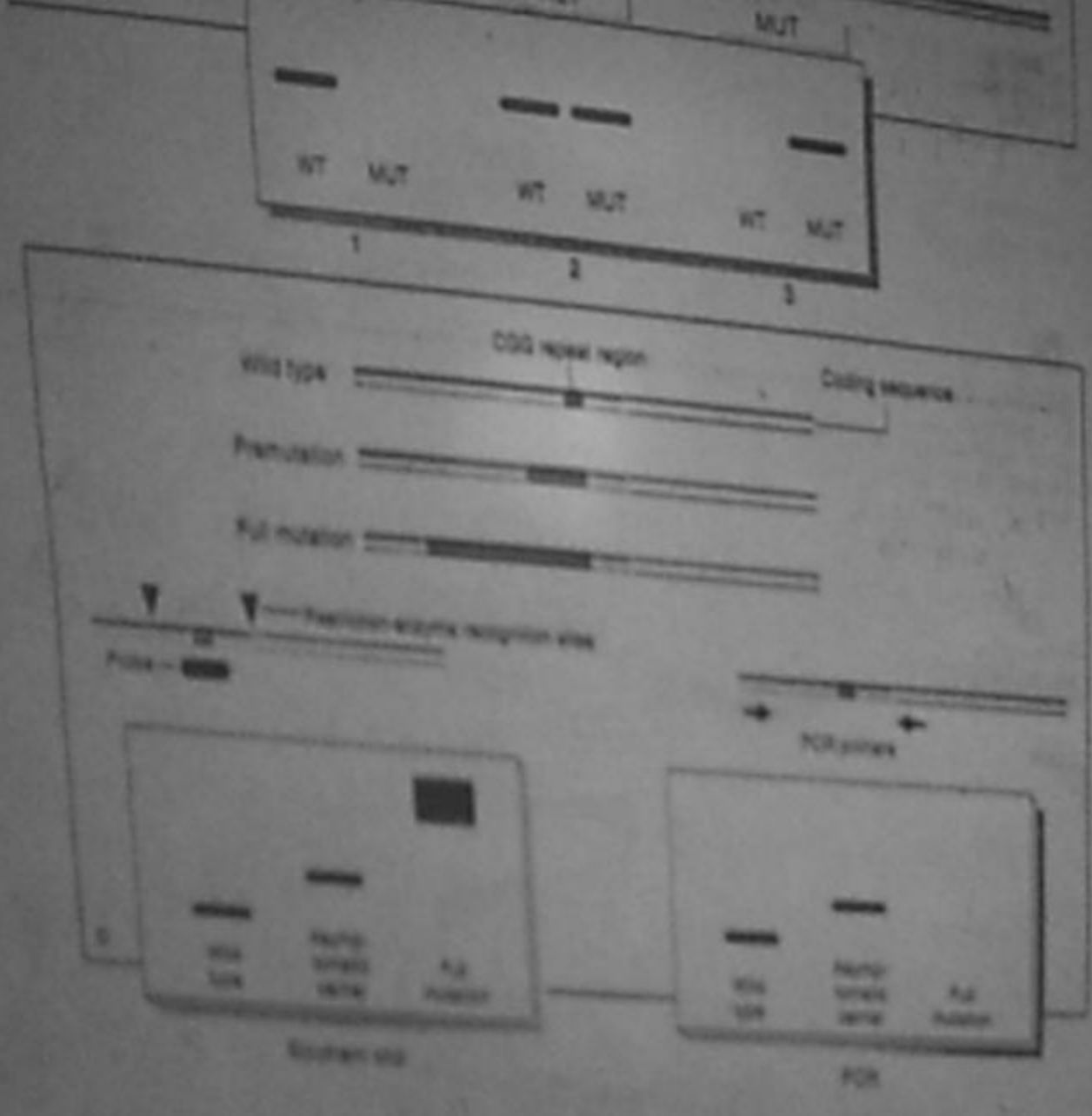

Sample A
Sample B
B. cDNA Generation
C. Labeling of Probe
Reverse Transcriptase
Fluorescent Tags
D. Hybridization to Array
E. Imaging
Sample A > B
Sample B > A
Sample A = B

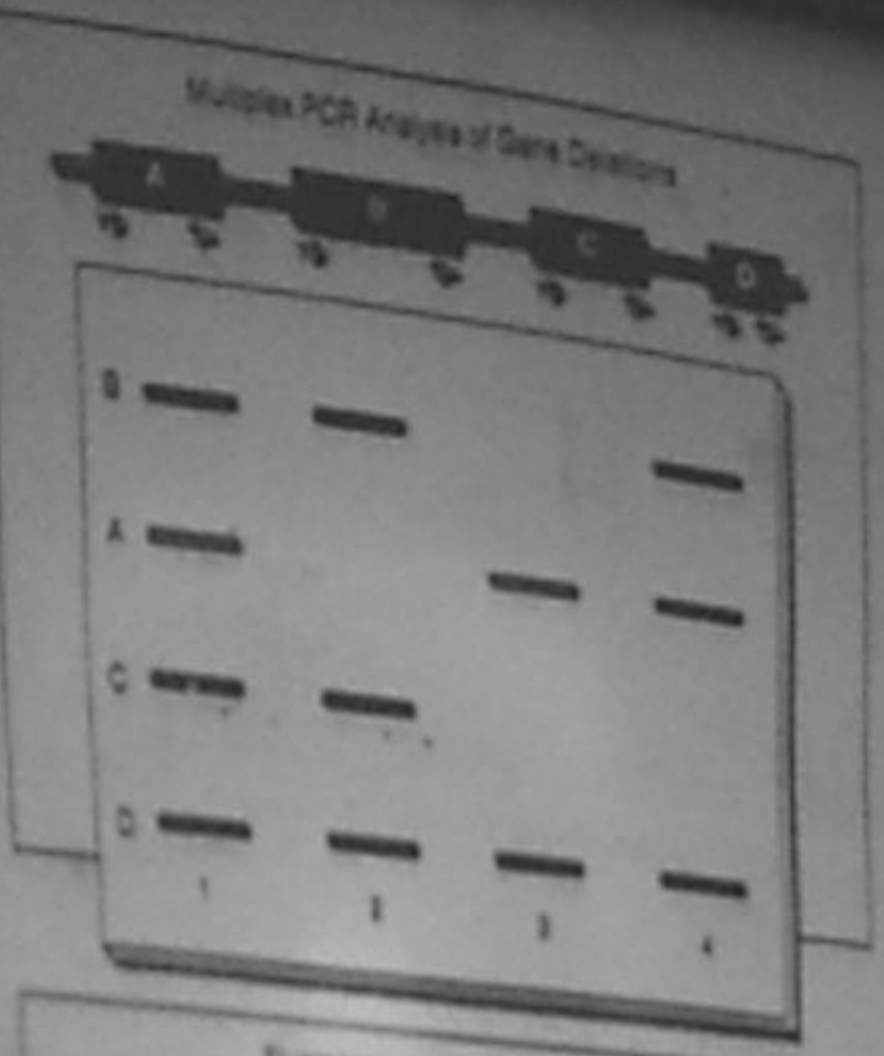

Fluorescence in Situ Hybridization


A
B
C
A
B
C




Wild-Type Sequence
Mutant Sequence
WT
HET
MUT
WT
MUT
WT
MUT
WT
MUT
1
2
3
CGG repeat region
Wild type
Coding sequence
Premutation
Full mutation


MUT
WT
MUT
WT
MUT
WT
MUT
1
2
3
CGG repeat region
Wild type
Coding sequence
Premutation
Full mutation
Restriction enzyme recognition sites
Probe
PCR primers
Southern blot
PCR


Multiplex PCR Analysis of Gene Deletions
A
B
C
D
B
A
C
D
1
2
3
4
Fluorescence in Situ Hybridization

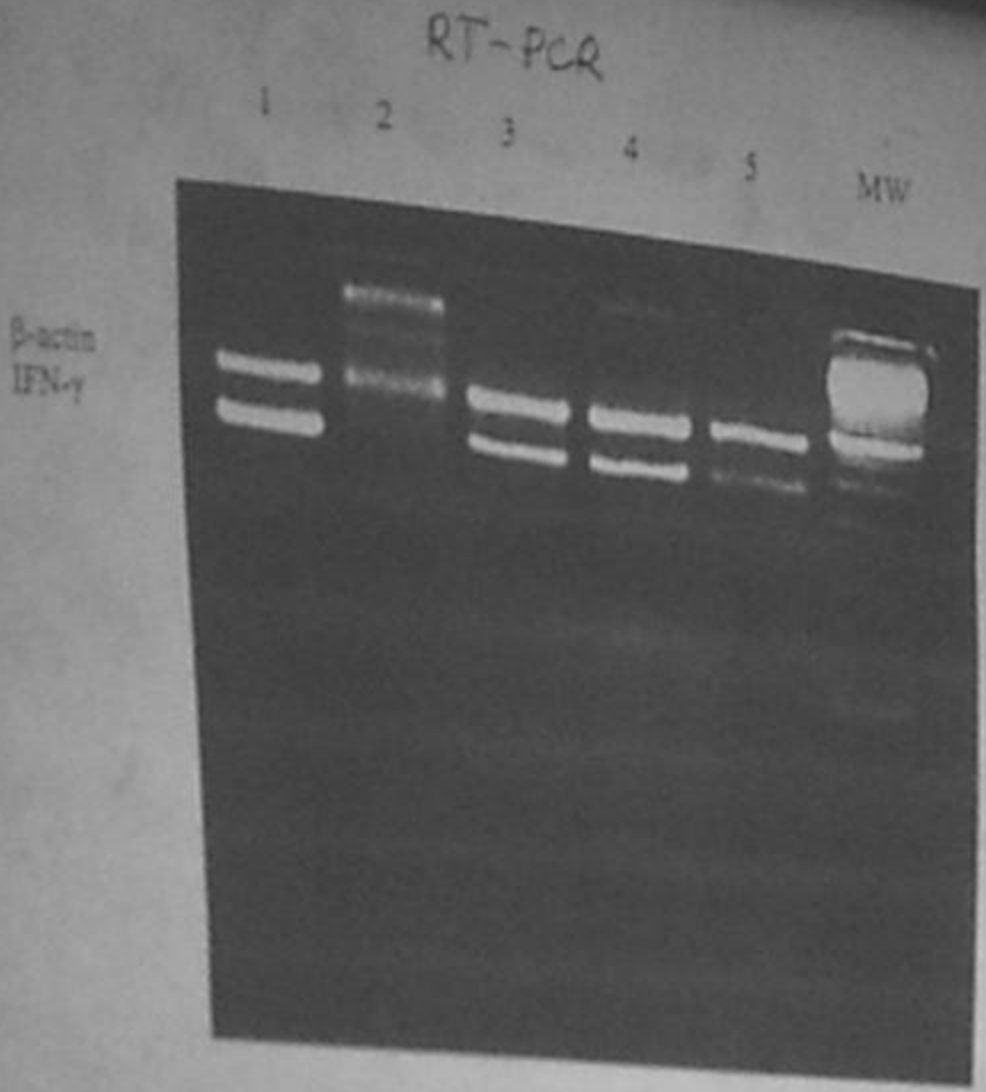


Fig.4 Expression of IFN-γ gene in peripheral blood T cells of renal allograft recipients. MW denotes the molecular weight marker (100 bp ladder, Invitrogen). RAR-S: lanes 2,5; RAR-V: lane 1; Control: lanes 3,4.

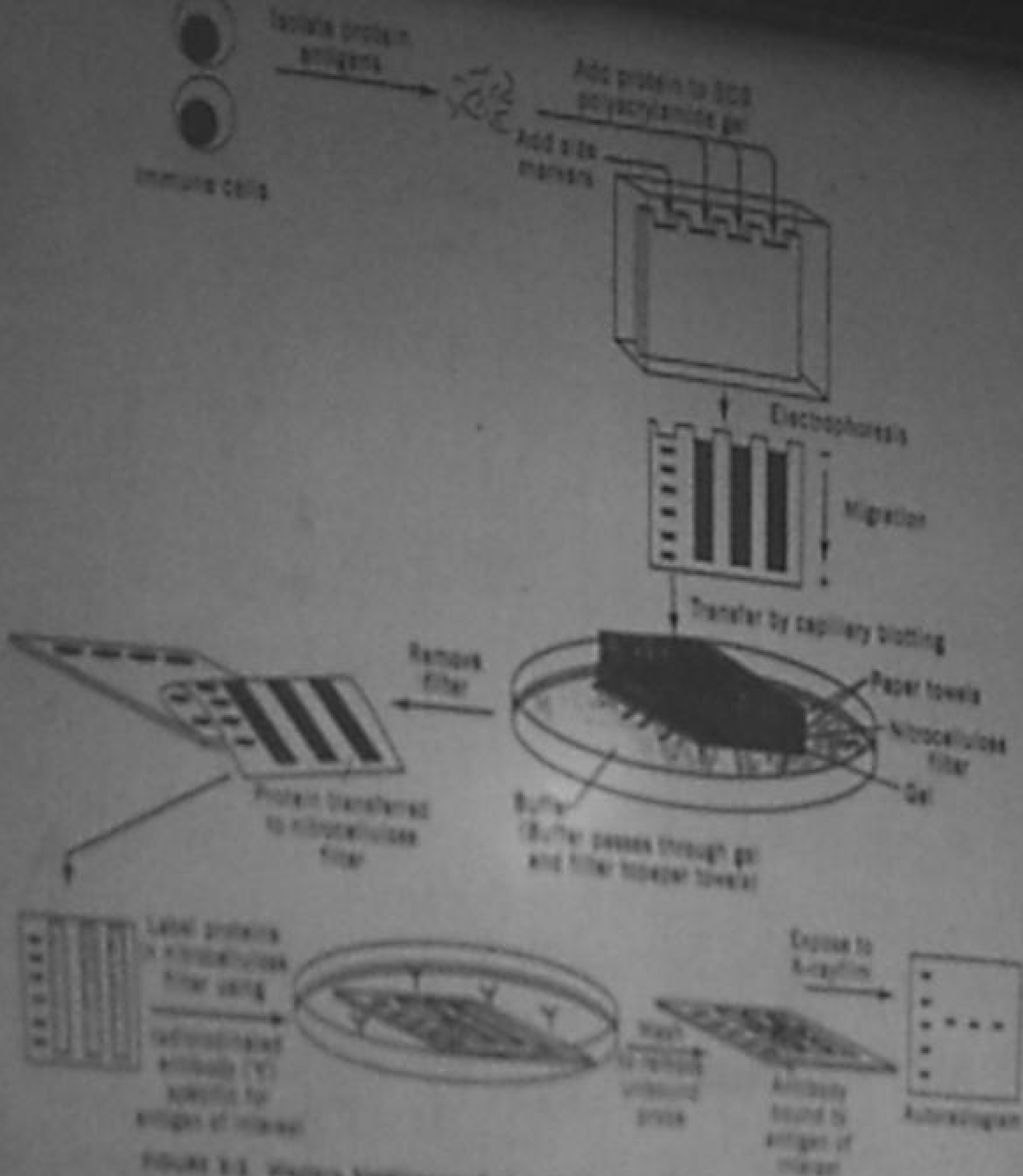


FIGURE 8-3 Western blotting—analyzing protein by gel electrophoresis and blotting. [illegible]