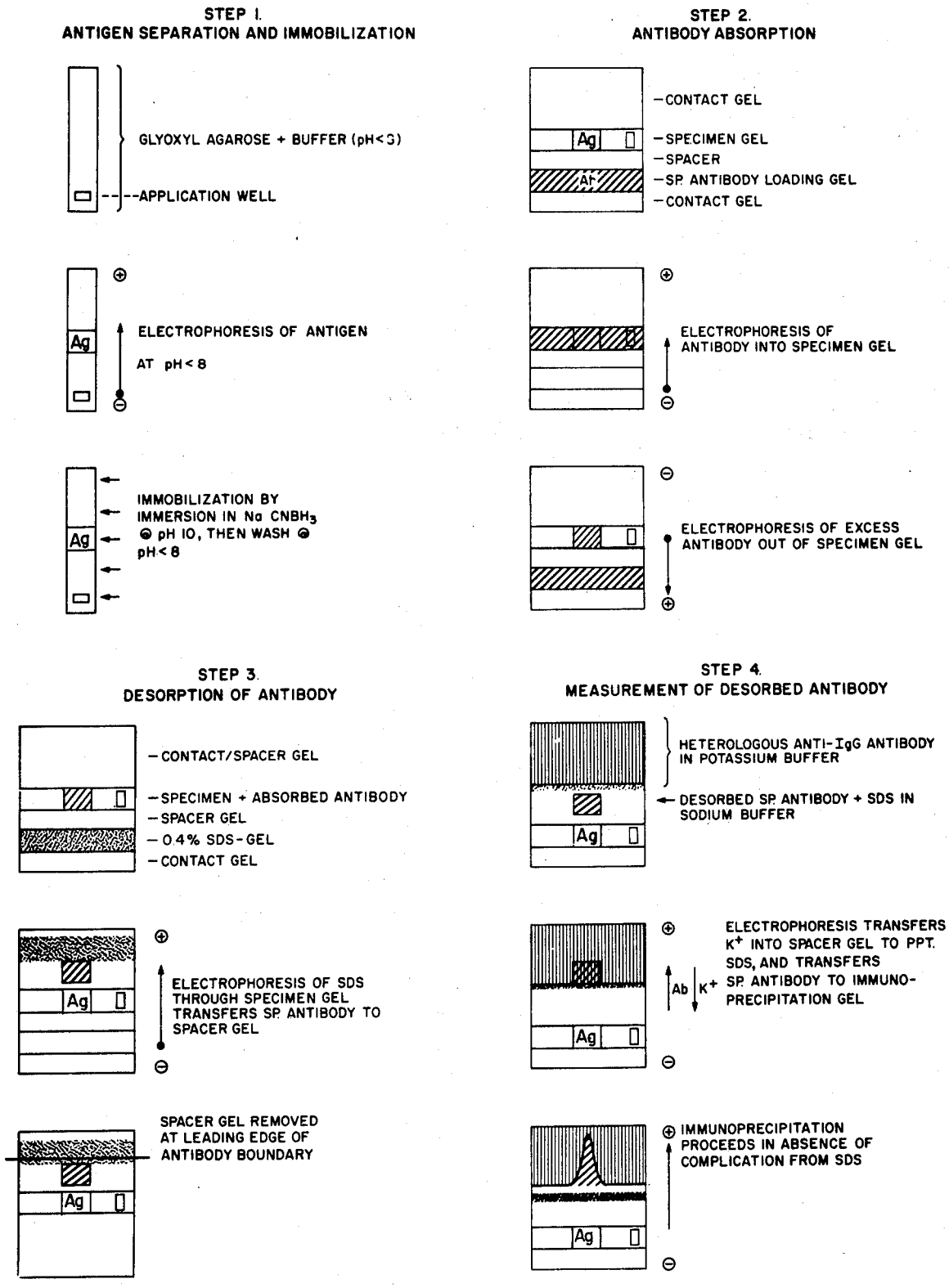
FIG. 1


STEP 1.
ANTIGEN SEPARATION AND IMMOBILIZATION
GLYOXYL AGAROSE + BUFFER (pH<3)
APPLICATION WELL
Ag
ELECTROPHORESIS OF ANTIGEN
AT pH<8
IMMOBILIZATION BY
IMMERSION IN Na CNBH3
@ pH 10, THEN WASH @
pH<8
STEP 2.
ANTIBODY ABSORPTION
CONTACT GEL
SPECIMEN GEL
SPACER
SP. ANTIBODY LOADING GEL
CONTACT GEL
ELECTROPHORESIS OF
ANTIBODY INTO SPECIMEN GEL
ELECTROPHORESIS OF EXCESS
ANTIBODY OUT OF SPECIMEN GEL
STEP 3.
DESORPTION OF ANTIBODY
CONTACT/SPACER GEL
SPECIMEN + ABSORBED ANTIBODY
SPACER GEL
0.4% SDS-GEL
CONTACT GEL
ELECTROPHORESIS OF SDS
THROUGH SPECIMEN GEL
TRANSFERS SP. ANTIBODY TO
SPACER GEL
SPACER GEL REMOVED
AT LEADING EDGE OF
ANTIBODY BOUNDARY
STEP 4.
MEASUREMENT OF DESORBED ANTIBODY
HETEROLOGOUS ANTI-IgG ANTIBODY
IN POTASSIUM BUFFER
DESORBED SP. ANTIBODY + SDS IN
SODIUM BUFFER
ELECTROPHORESIS TRANSFERS
K+ INTO SPACER GEL TO PPT.
SDS, AND TRANSFERS
SP. ANTIBODY TO IMMUNO-
PRECIPITATION GEL
Ab
K+
IMMUNOPRECIPITATION
PROCEEDS IN ABSENCE OF
COMPLICATION FROM SDS