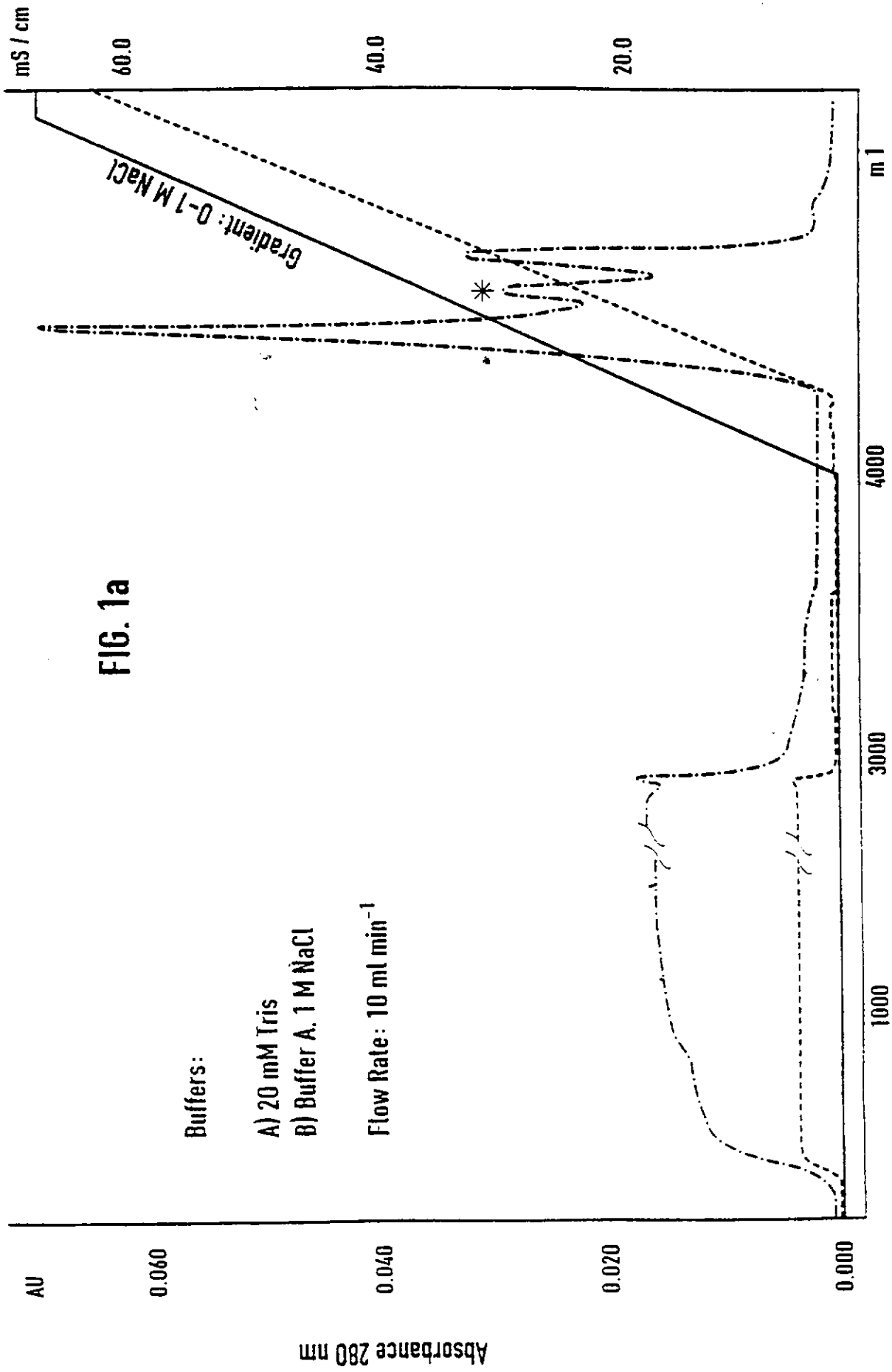

mS / cm
60.0
40.0
20.0
Gradient: 0-1 M NaCl
ml
4000
3000
1000
Buffers:
A) 20 mM Tris
B) Buffer A. 1 M NaCl
Flow Rate: 10 ml min-1
AU
0.060
0.040
0.020
0.000
Absorbance 280 nm

FIG. 1a

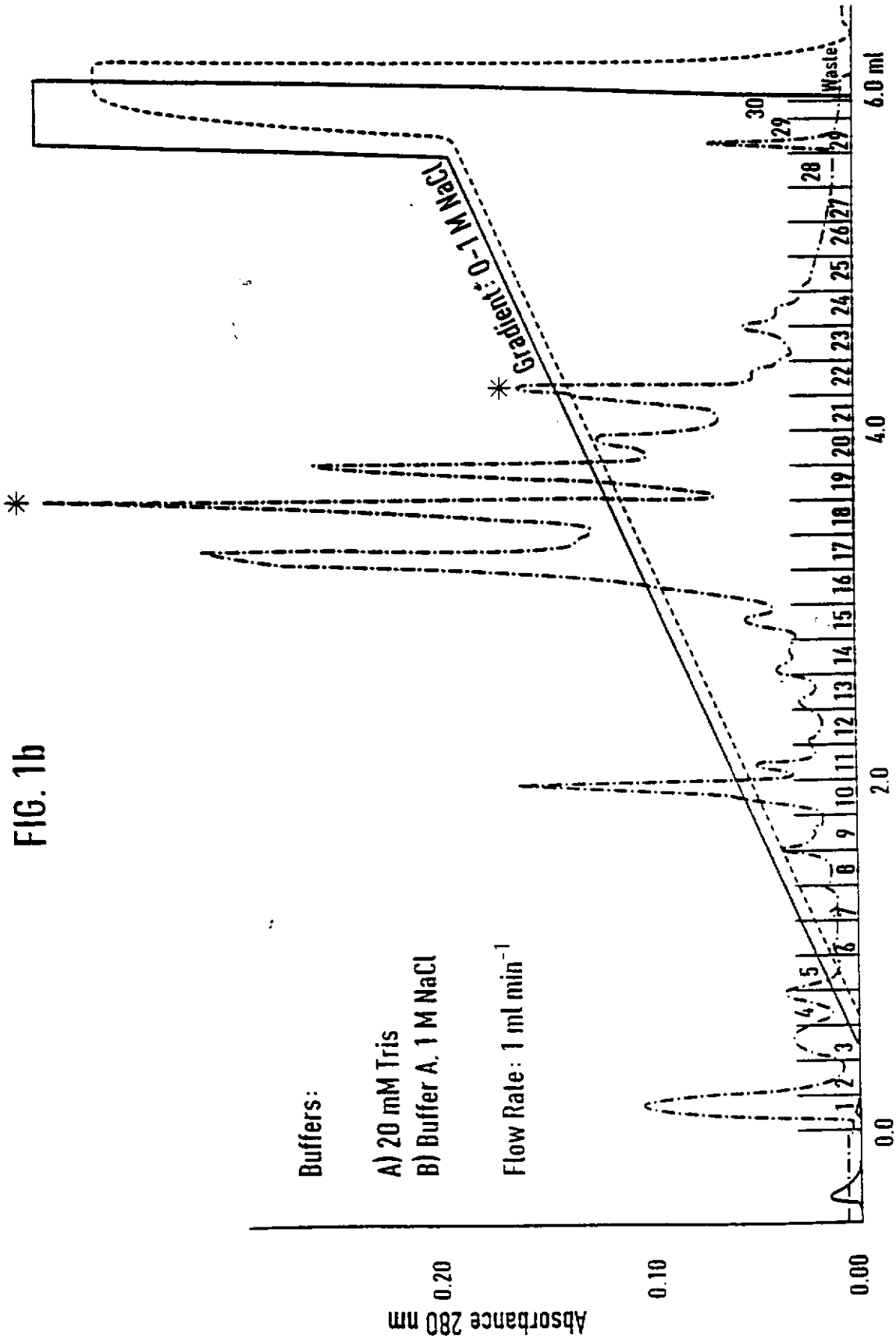

Absorbance 280 nm
0.20
0.10
0.00
0.0
2.0
4.0
6.0 ml
Waste
Gradient: 0-1 M NaCl
Buffers:
A) 20 mM Tris
B) Buffer A, 1 M NaCl
Flow Rate: 1 ml min-1

FIG. 1b

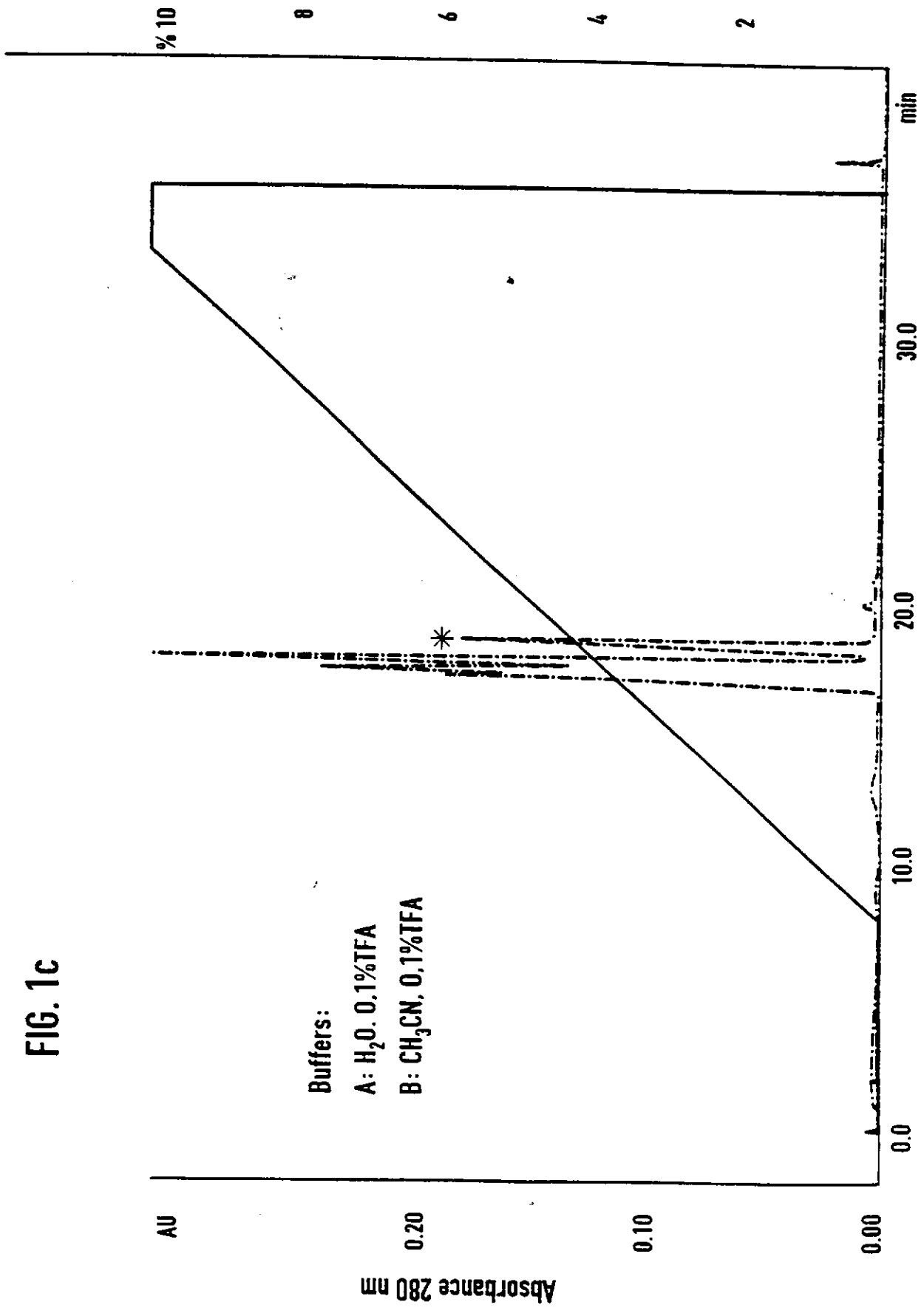
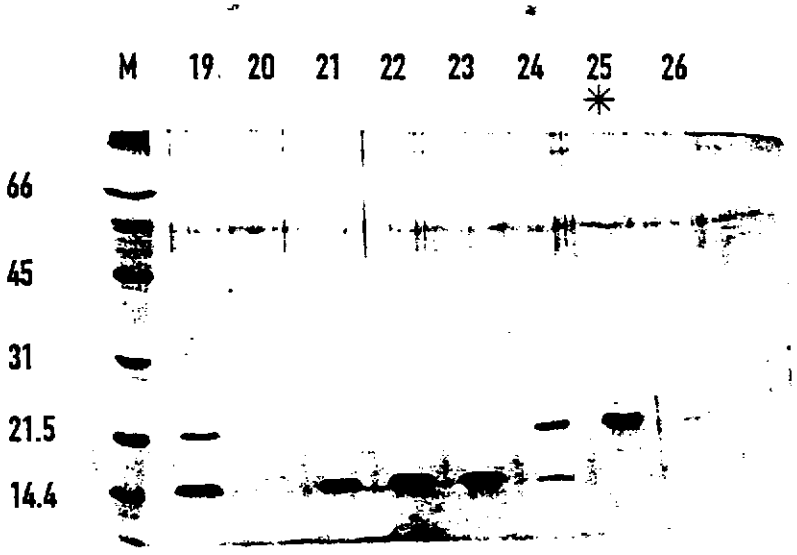

Absorbance 280 nm
AU
0.20
0.10
0.00
0.0
10.0
20.0
30.0
min
% 10
8
6
4
2
Buffers:
A: H_2O, 0.1%TFA
B: CH_3CN, 0.1%TFA

FIG. 1c

FIG. 2



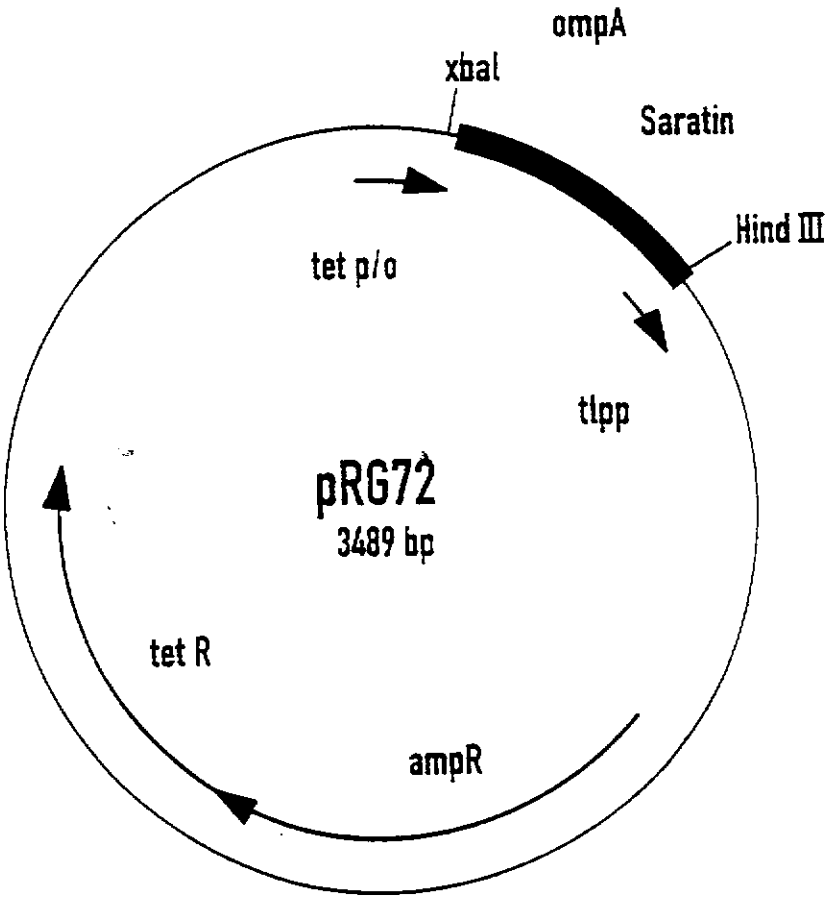
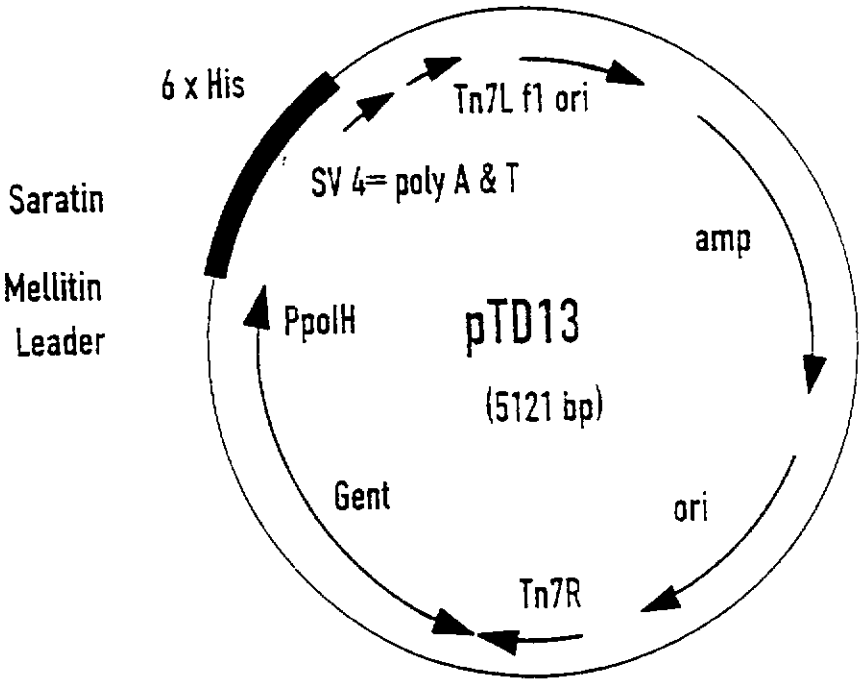

ompA
xbal
Saratin
Hind III
tet p/o
tlpp
pRG72
3489 bp
tet R
ampR

FIG. 3

FIG. 4


6 x His
Tn7L f1 ori
SV 4= poly A & T
Saratin
amp
Mellitin
Leader
PpolH
pTD13
(5121 bp)
Gent
ori
Tn7R

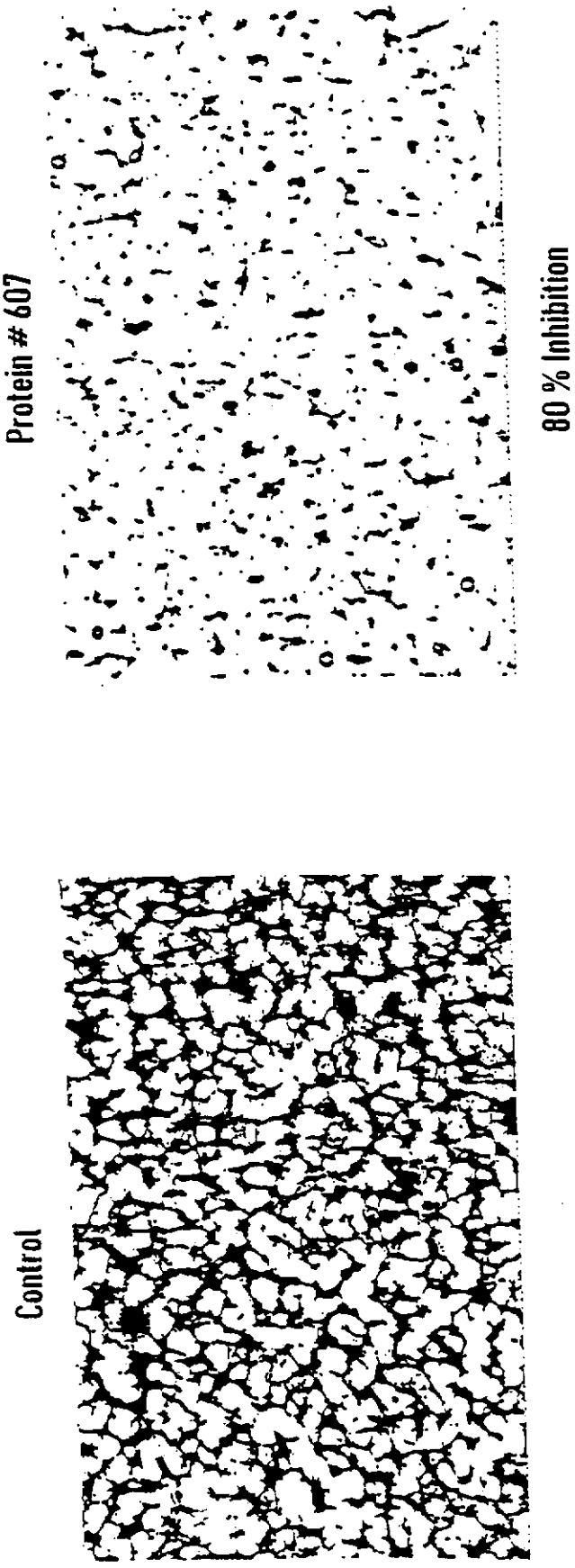
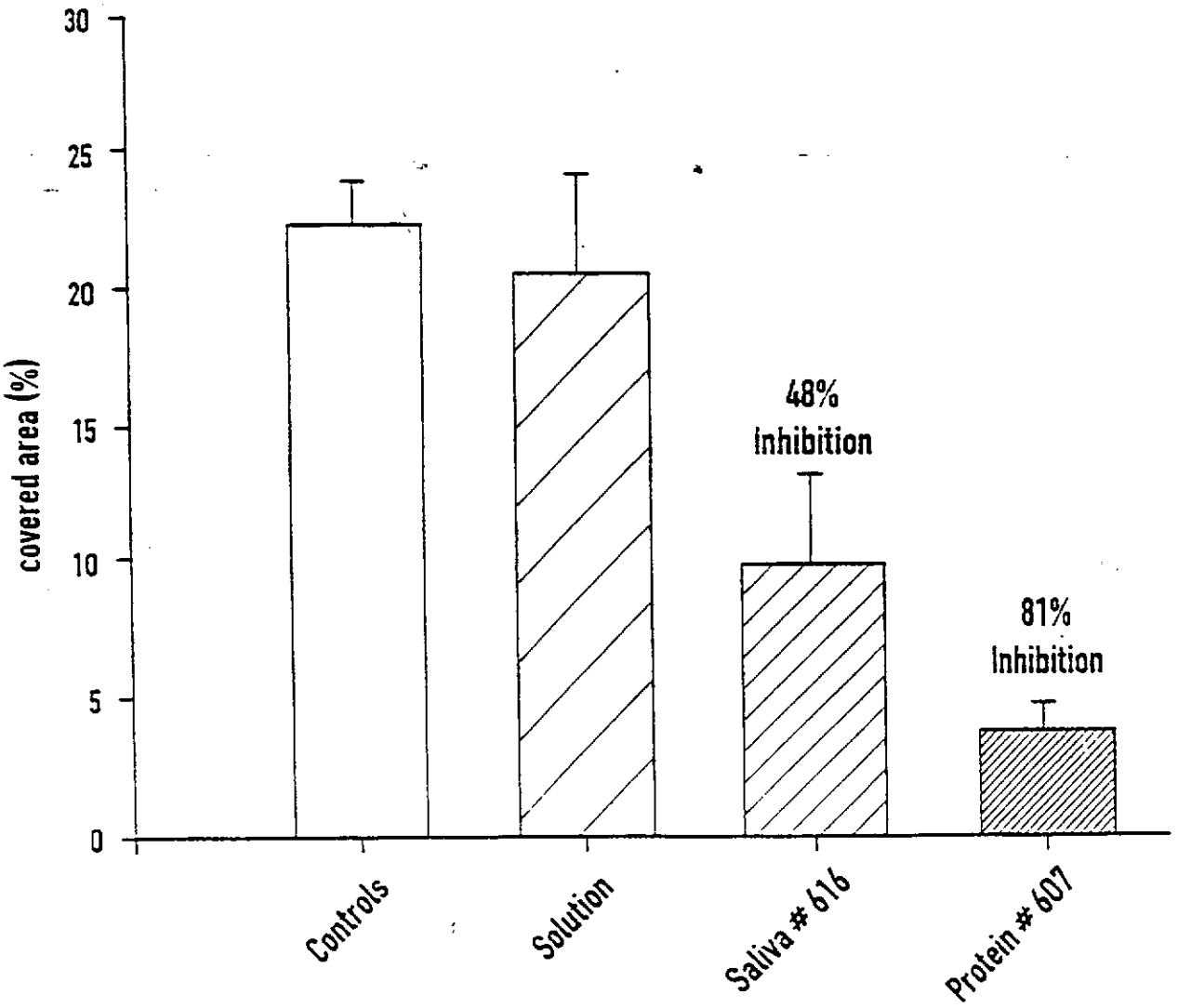

Protein # 607
80 % Inhibition
Control
Shear rate: 1300 s-1
Human Blood
Collagen Type III from Human Placenta
30 µl/coverslip

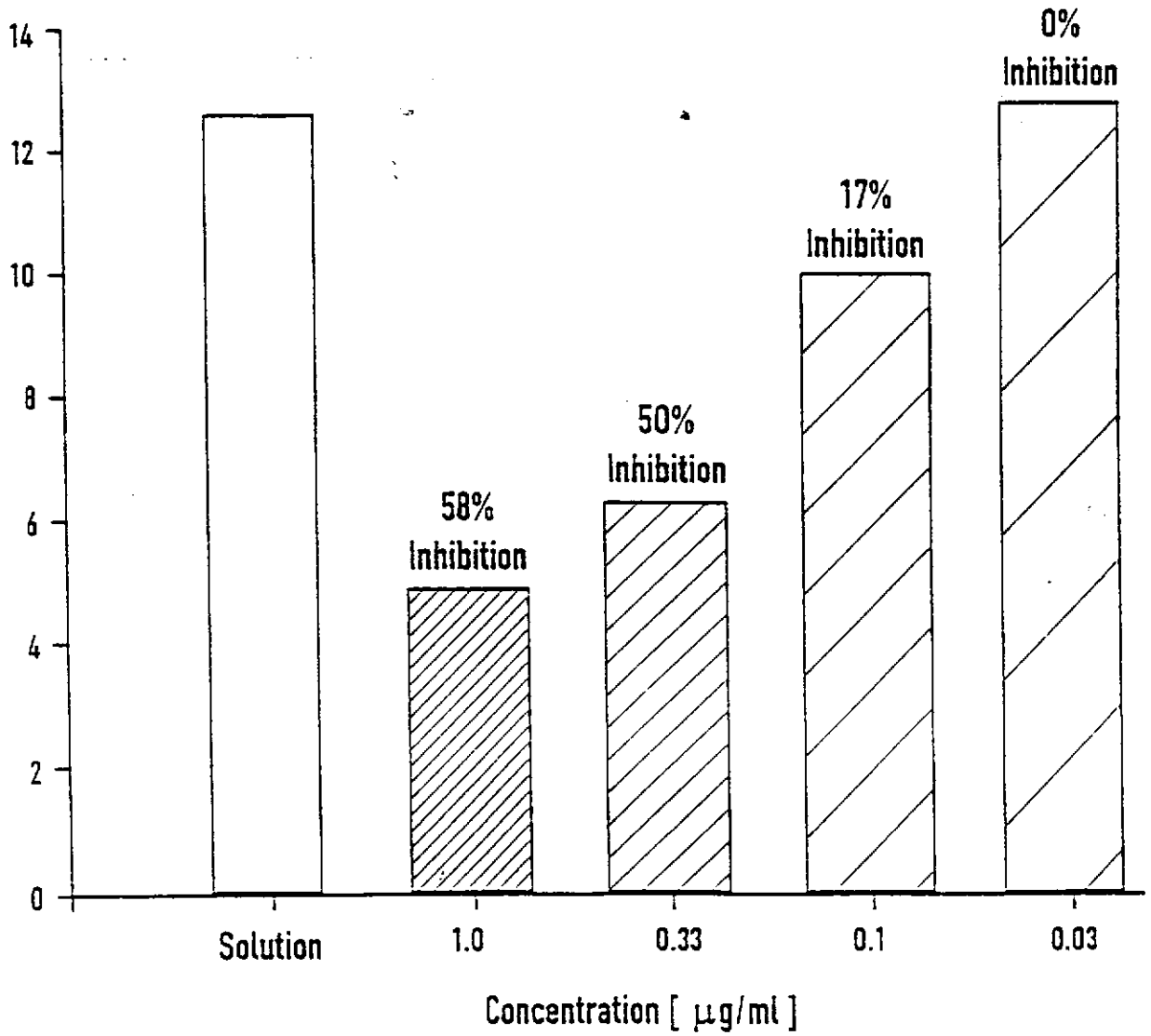
FIG. 5

FIG. 6



Collagen Type III from Human Placenta
Saliva # 616 0.11 mg/ml: 30 µl on coverslip n = 4
Protein # 607 0.11 mg/ml: 30 µl on coverslip n = 2

FIG. 7



Protein # 607
Collagen Type III from Human Placenta

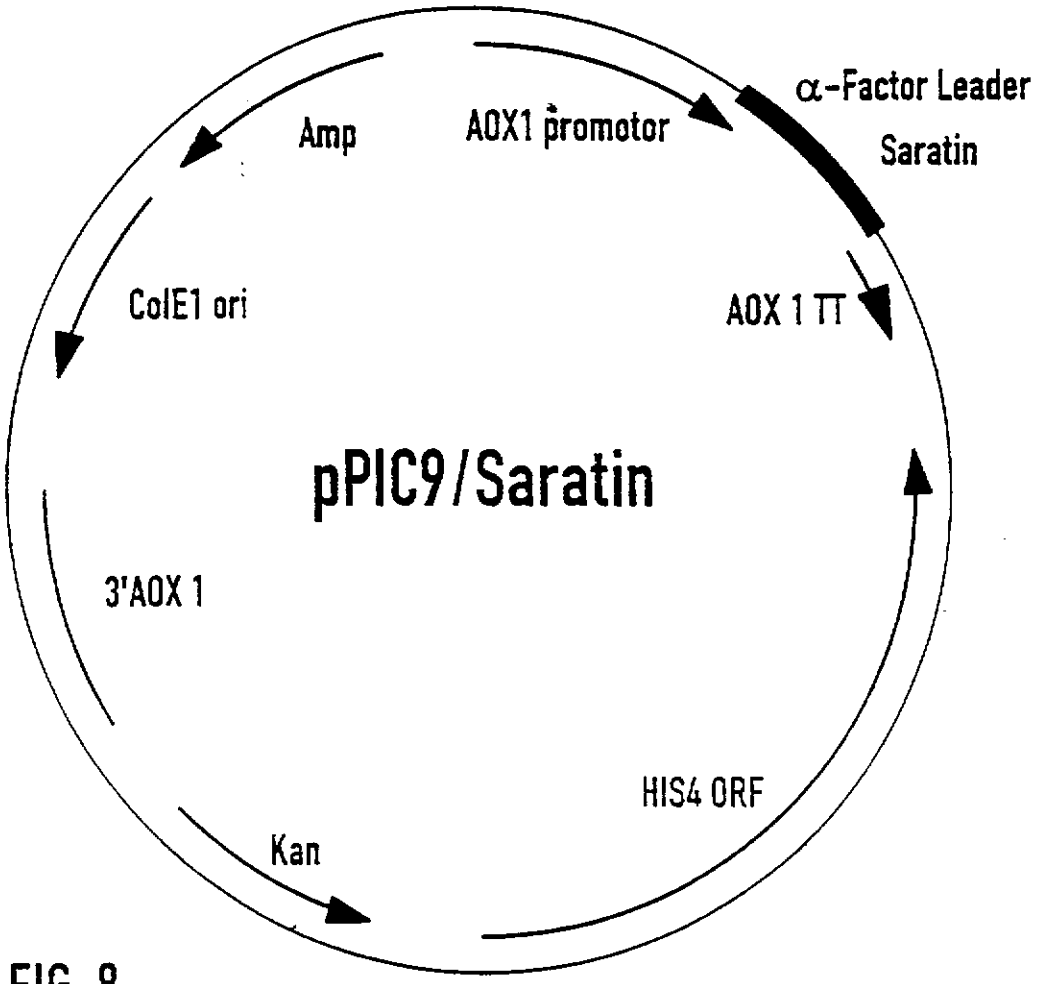

α-Factor Leader
Saratin
AOX1 promotor
Amp
ColE1 ori
AOX 1 TT
pPIC9/Saratin
3'AOX 1
HIS4 ORF
Kan

FIG. 8