FIG. 1

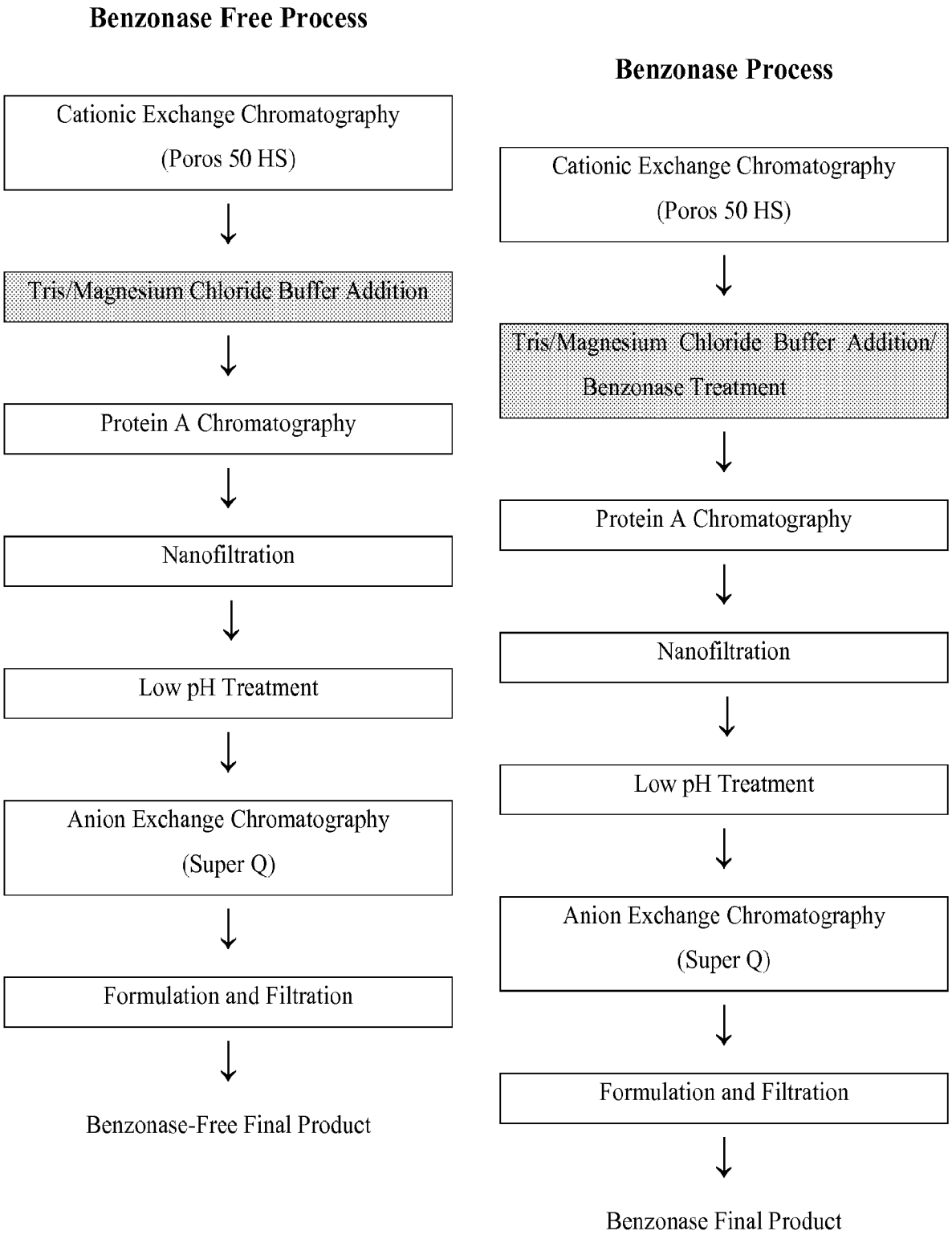
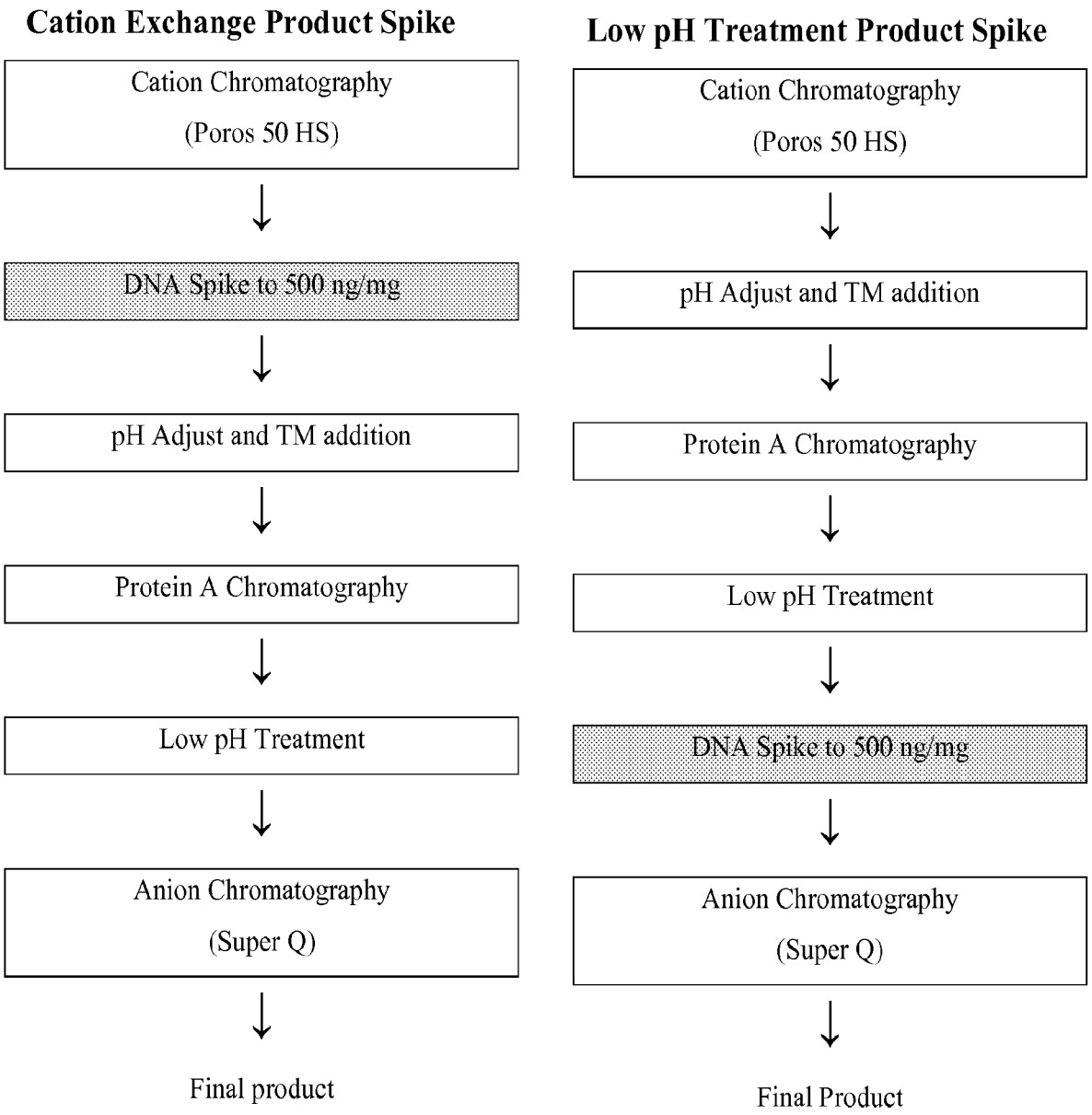

Benzonase Free Process
Cationic Exchange Chromatography (Poros 50 HS)
Tris/Magnesium Chloride Buffer Addition
Protein A Chromatography
Nanofiltration
Low pH Treatment
Anion Exchange Chromatography (Super Q)
Formulation and Filtration
Benzonase-Free Final Product
Benzonase Process
Cationic Exchange Chromatography (Poros 50 HS)
Tris/Magnesium Chloride Buffer Addition/ Benzonase Treatment
Protein A Chromatography
Nanofiltration
Low pH Treatment
Anion Exchange Chromatography (Super Q)
Formulation and Filtration
Benzonase Final Product

FIG. 2


Cation Exchange Product Spike
Cation Chromatography
(Poros 50 HS)
DNA Spike to 500 ng/mg
pH Adjust and TM addition
Protein A Chromatography
Low pH Treatment
Anion Chromatography
(Super Q)
Final product
Low pH Treatment Product Spike
Cation Chromatography
(Poros 50 HS)
pH Adjust and TM addition
Protein A Chromatography
Low pH Treatment
DNA Spike to 500 ng/mg
Anion Chromatography
(Super Q)
Final Product