

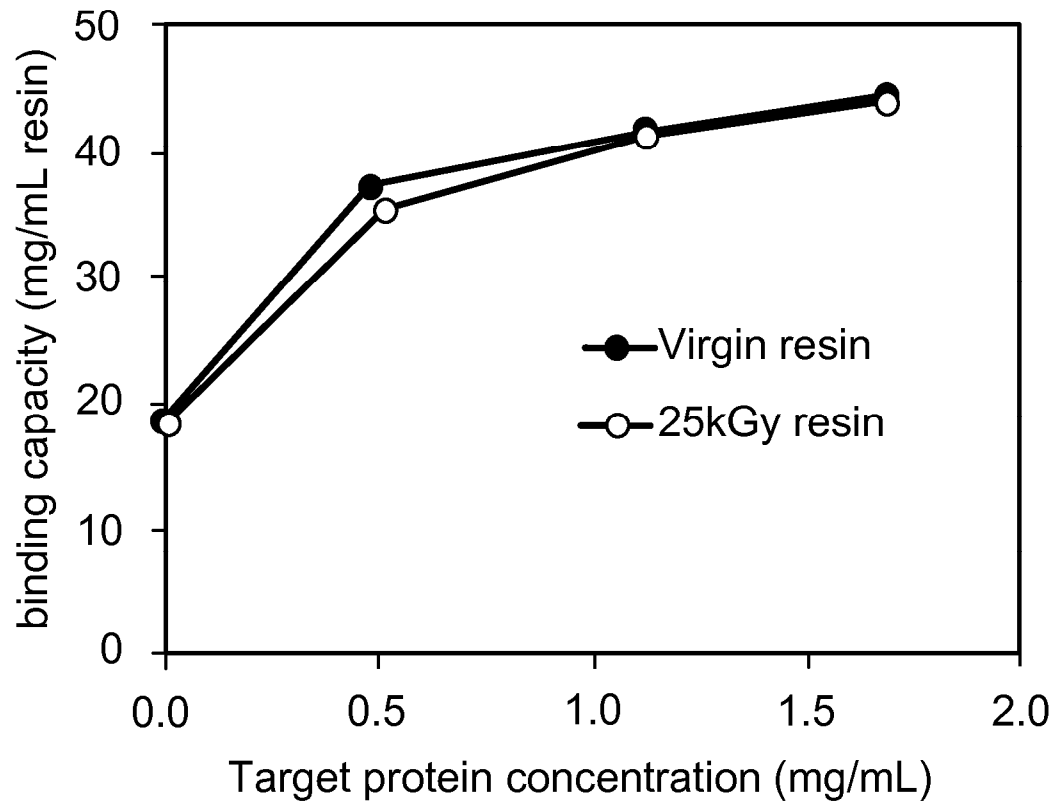


FIG. 1

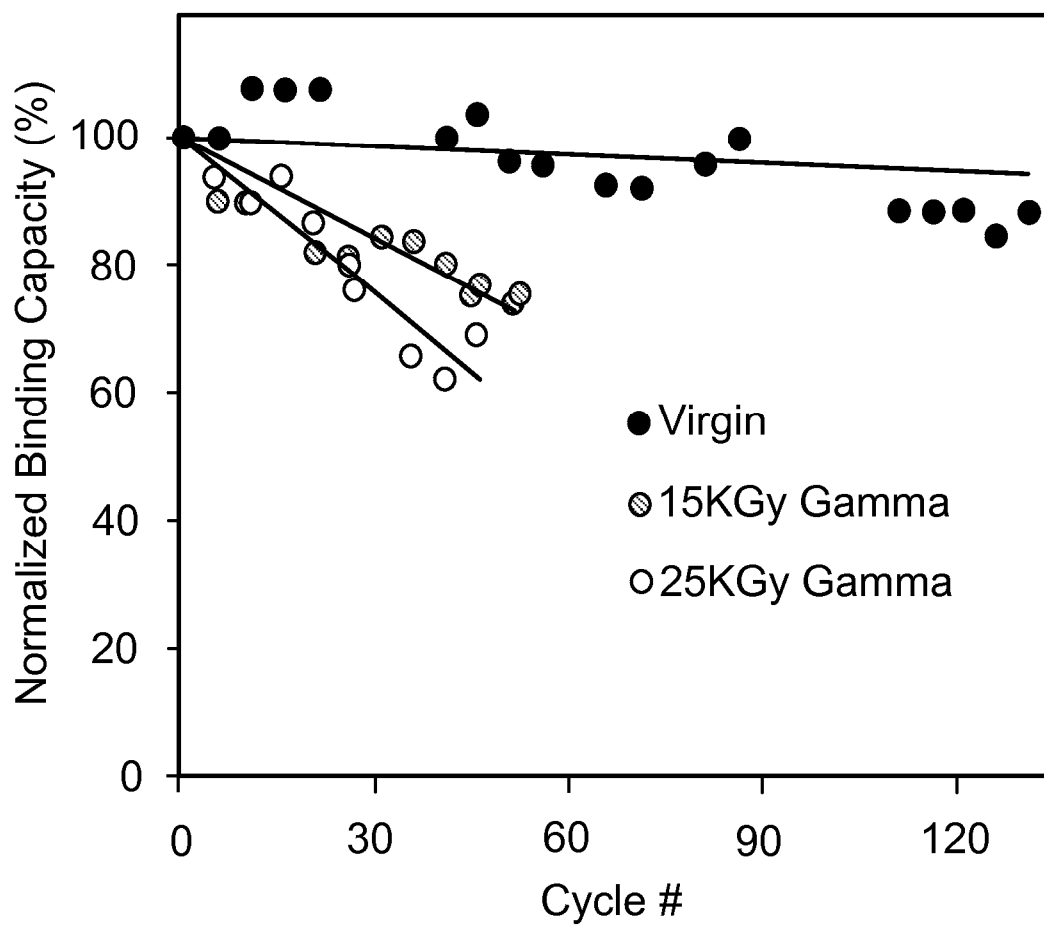


FIG. 2

Resin Condition	Virgin	15 kGy	25 kGy
Rate of drop in binding capacity (%/cycle)	0.10	0.40	0.83

FIG. 3

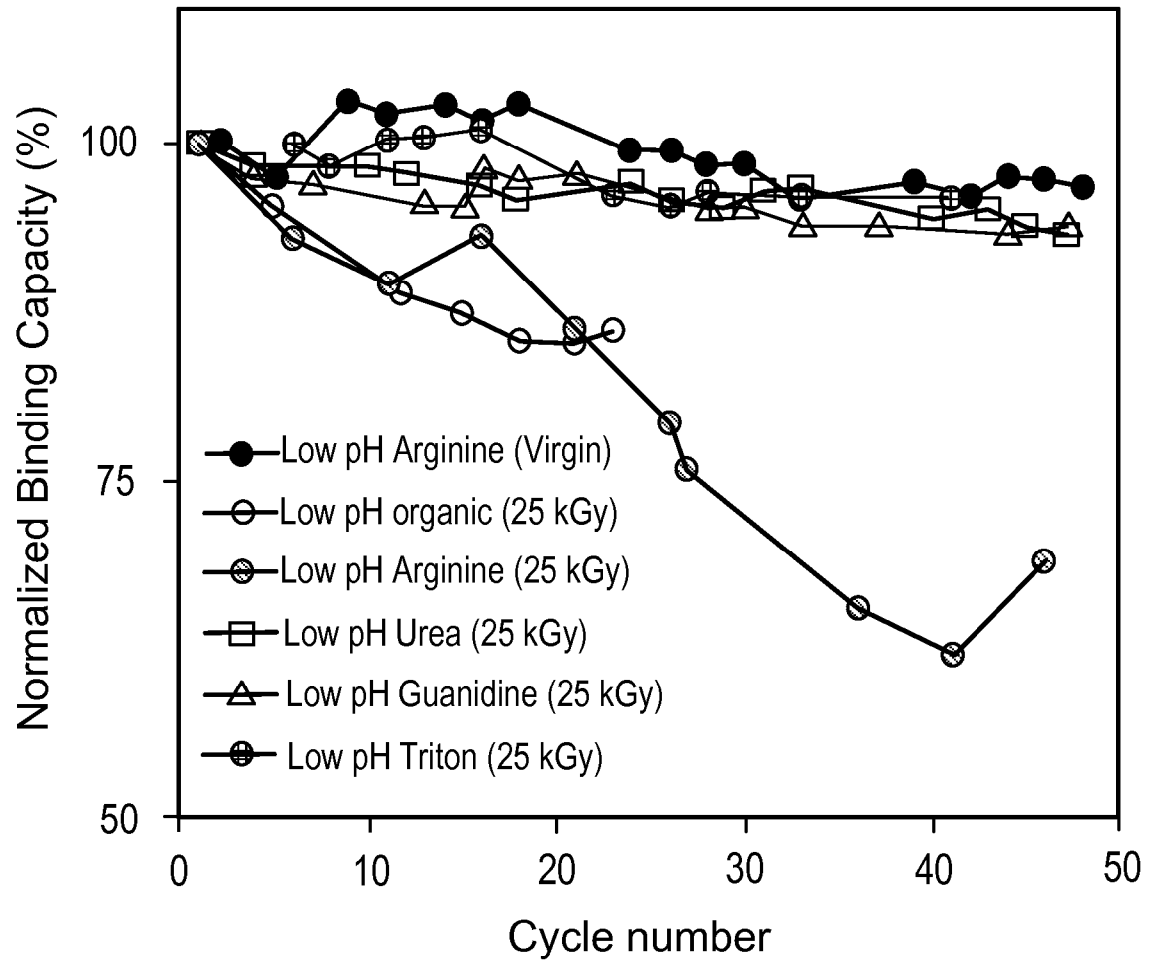
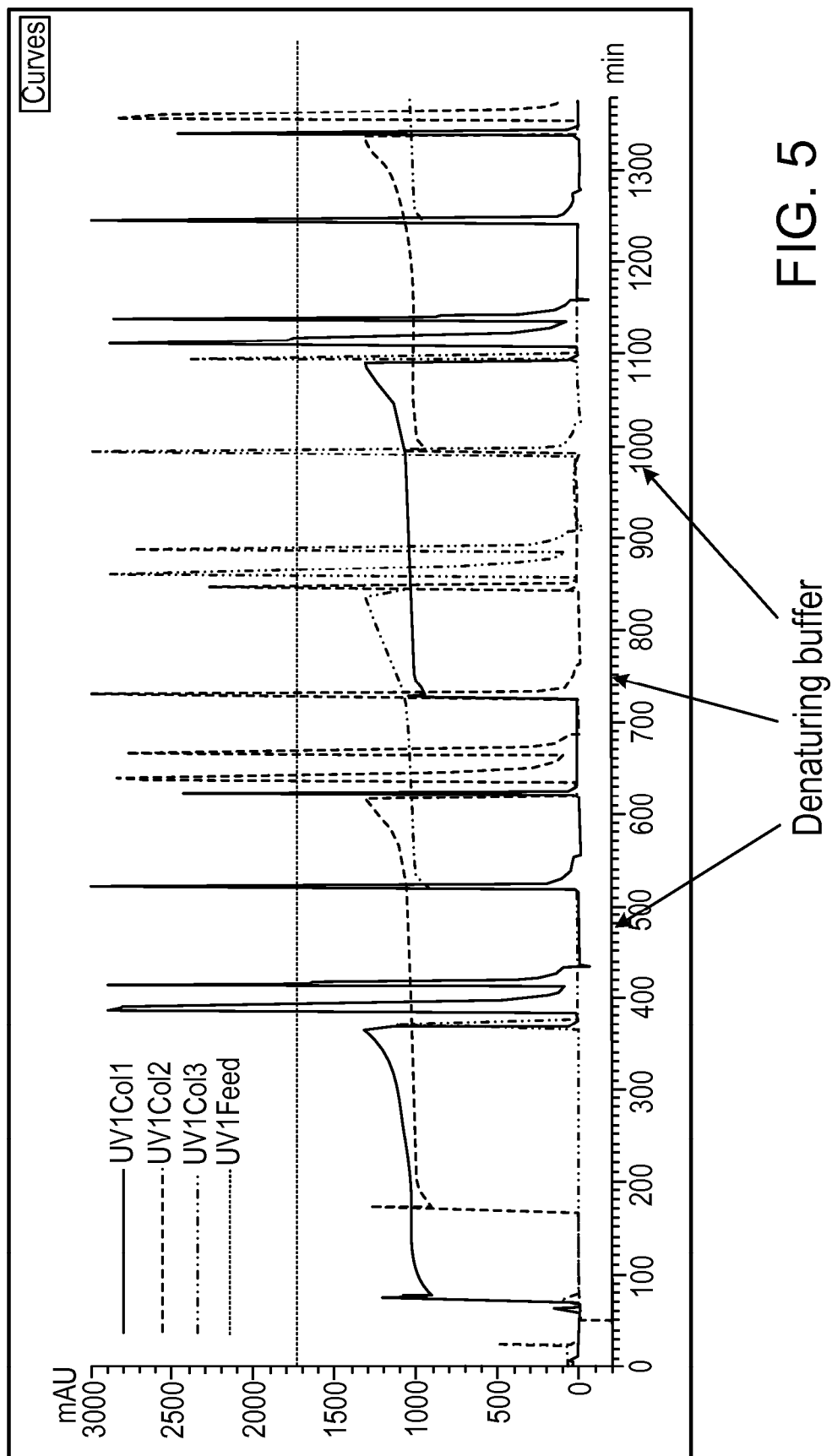


FIG. 4



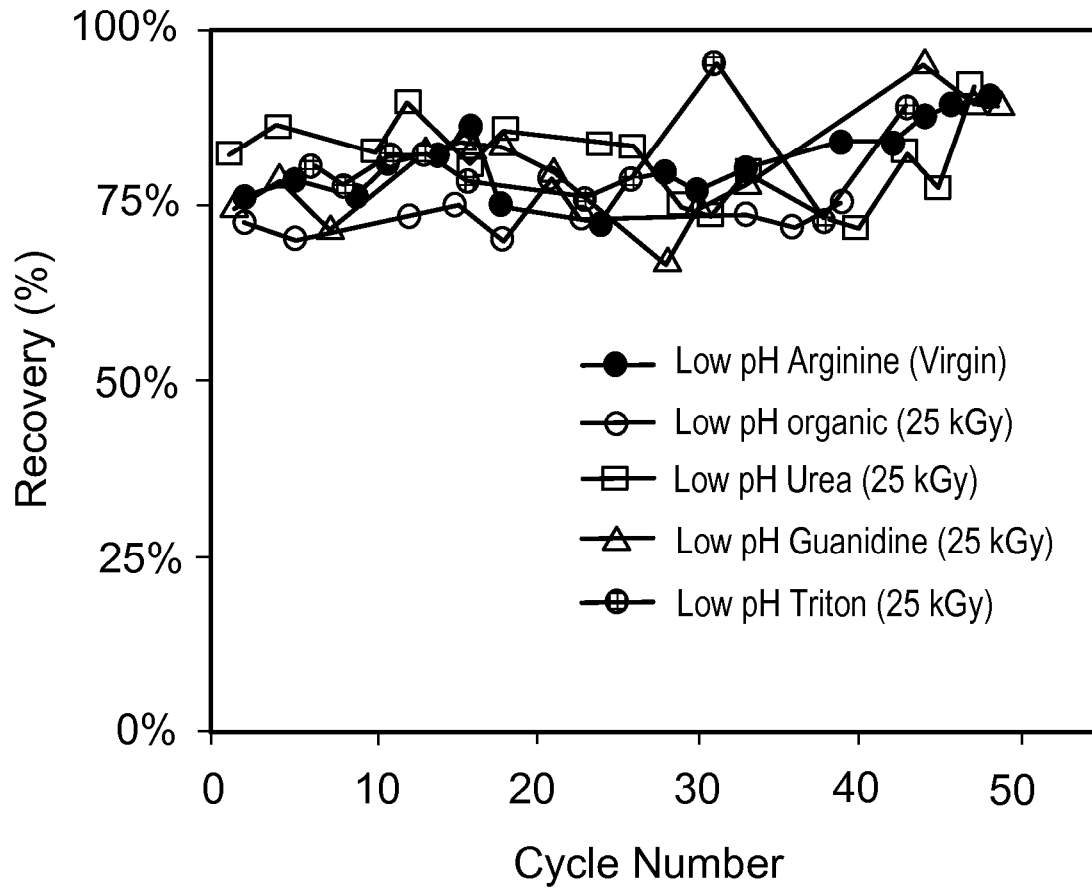


FIG. 6

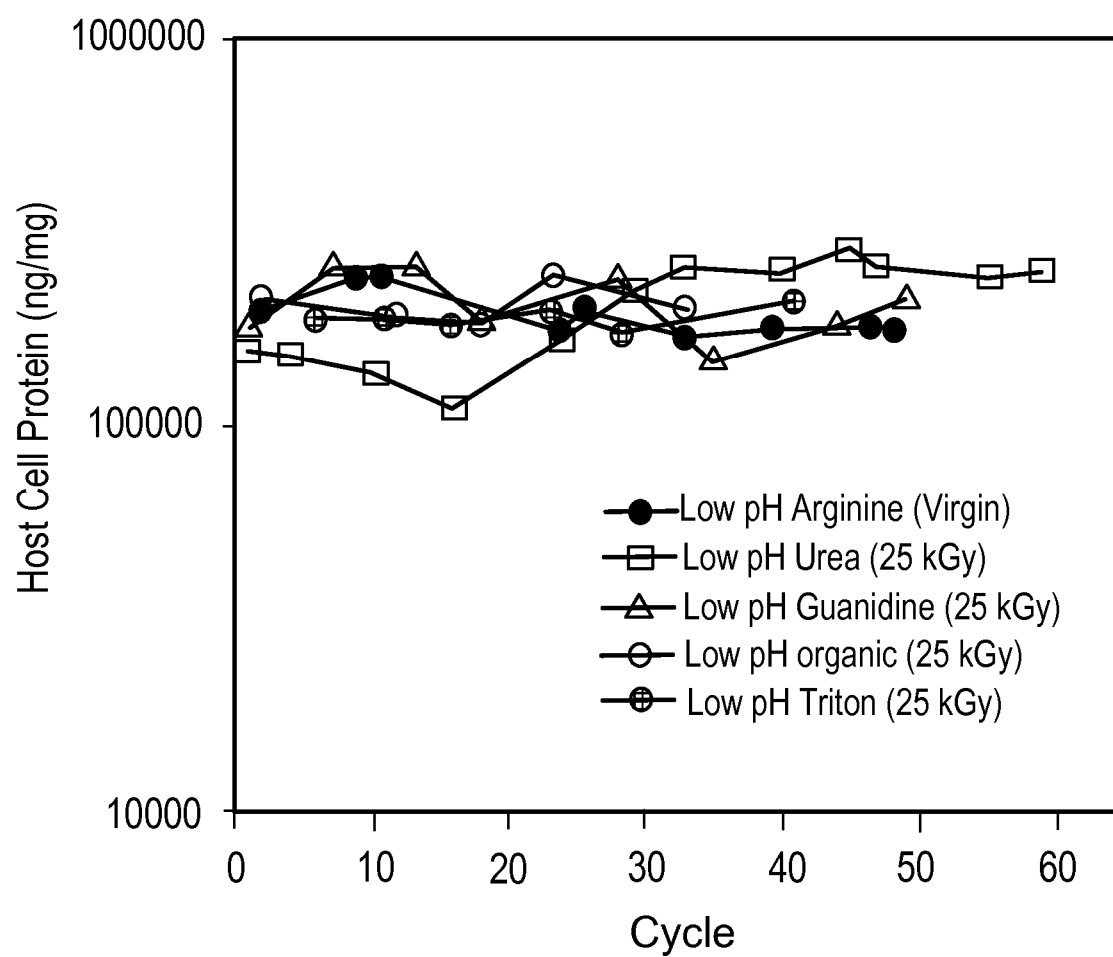


FIG. 7

Lysosomal storage diseases and associated enzymatic defects

Disease	Enzymatic Defect
Pompe disease	acid α -glucosidase (e.g., Myozyme®, Lumizyme®)
MPSI* (Hurler disease)	α -L-iduronidase (e.g., Aldurazyme®)
MPSII (Hunter disease)	iduronate sulfatase
MPSIII (Sanfilippo)	heparan N-sulfatase
MPS IV (Morquio A)	galactose-6-sulfatase
MPS IV (Morquio B)	acid β -galactosidase
MPS VII (Sly disease)	β -glucuronidase
I-cell disease	N-acetylglucosamine-1-phosphotransferase
Schindler disease	α -N-acetylgalactosaminidase (α -galactosidase B)
Wolman disease	acid lipase
Cholesteryl ester storage disease	acid lipase
Farber disease	lysosomal acid ceramidase
Niemann-Pick disease	acid sphingomyelinase
Gaucher disease	β -glucosidase (e.g. Cerezyme®, Ceredase®)
Krabbe disease	galactosylceramidase
Fabry disease	α -galactosidase A
GM1 gangliosidosis	acid β -galactosidase
Galactosialidosis	β -galactosidase and neuraminidase
Tay-Sach's disease	hexosaminidase A
Sandhoff disease	hexosaminidase A and B

*MPS = mucopolysaccharidosis

FIG. 8