

Demin Buffer Recipe

10% sarcosyl

fill 15ml falcon tube with 5ml water

Weigh out 1g n-laurylsarcosinate

dissolve in water

fill to 10ml

EDTA

15:1 EDTA:Sample weight Ratio

Prot K

0.1ml per rxn

	Per 1 (ml)	Per X (ml)	PER X (5% ERROR)
10% sarcosyl	0.0525	2.625	2.75625
EDTA	3.5975	179.875	188.86875
Prot K	0.1	5	5.25
Total	3.75	187.5	196.875

samples:
sample mass (g)

in 15ml falcon:

Add bone powder to calculated volume deminarlization buffer

seal well with parafilm

incubate overnight @ 56C with rotation

centrifuge 30 seconds @ 6000rpm

transfer aqueous solution to amplicon filter

spin at low speed (600-800 rpm) until volume is approximate 1ml

transfer from top of amplicon to minelute kit, extract as per kit

elute 2x in 50ul TET

50
0.25