

Solutions used in the isolation of mononucleosomal DNA from *Haloferax volcanii*

MNase Buffer: 10 mM Tris (pH 8)
1 mM CaCl₂

MNase add 850 microliters of dH₂O to vial

RNase A (DNase free) Dissolve contents of tube in .01 M Na Acetate, pH 5.2
Heat at 100 degrees C for 15 minutes.
Allow to cool slowly to room temperature.
Adjust pH with .1 volumes of 1M Tris Hcl, pH 7.5
Aliquot and freeze.

10% SDS 10% weight: volume Sodium dodecyl sulfate in dH₂O

.5 M EDTA

Stop Buffer Mix together equal volumes of 10% SDS and .5 M EDTA

5 M NaCl

Ethidium Bromide 10 mg/ml

(Caution: ethidium bromide is highly mutagenic and must be handled with very carefully. Be sure to wear gloves and change them when you are done handling this reagent.)

Tris / Glycine 5X Stock Buffer 288 g glycine
60 g Tris
dH₂O to 1 liter

