

# Proteinase K Solution

## DeLong Lab

### Abstract

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## Materials

Proteinase K [17916](#) by [Life Technologies](#)

✓ Sterile Acrodisc® Syringe Filters with HT Tuffryn® Membrane [4192](#) by Contributed by users

## Protocol

### Step 1.

Weigh out minimum amount Proteinase K (ProK)

Final Concentration	For entire 5 ml	For 1.5 ml	For 3.0 ml
10 mg/ml	50 mg Proteinase K	15 mg ProK	30 mg ProK



### REAGENTS

Proteinase K [17916](#) by [Life Technologies](#)

### Step 2.

Add appropriate amount of lysis buffer (from the second 5 ml aliquot)

### ⊕ NOTES

**Bonnie Poulos** 29 Jul 2015

If you used the full 50 mg of ProK for 5 ml of buffer that would be wasteful since you don't need it.

For half-plate you'll need about 1.5 mls to have plenty, for a whole plate you'll need 3 mls.

### Step 3.

Shake vigorously to dissolve

### ⊕ NOTES

**Bonnie Poulos** 29 Jul 2015

It may foam a little.

### Step 4.

Filter-sterilize through 0.2 µm syringe filter



### REAGENTS

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