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## **Clean-IT Solution – PCR** **Protocol**

1. Add Equal volumes of PCR reaction and CleanShot. (ie 25ul of PCR reaction to 25ul of CleanShot).

**Comment: This can be done in the same tube that you used for PCR or a new tube.**

2. Mix sample by pipette or briefly vortex.
3. Incubate for 5 minutes at room temperature.

### **For Tubes**

4. Spin at 13,000 RPM for 7 minutes.

**Comment: The dsDNA will be spun out of solution and will be present at the bottom of the tube. The DNA will form a clear pellet that is not always visible to the eye.**

5. Remove supernatant by pipette.

**Comment: Take care to avoid disturbing the DNA.**

6. Spin for 30 seconds.
7. Remove the remaining fluid.
8. Resuspend the dsDNA in 1/10 TE or dH<sub>2</sub>O.
9. Leave for 5 minutes for DNA to rehydrate fully.

### **For Plates**

4. Spin at between 2000 and 4000g for 40 minutes.
5. Place plate upside down onto tissue paper in the centrifuge holder and pulse centrifuge to <40g for 30 seconds.
6. Resuspend the dsDNA in 1/10 TE or dH<sub>2</sub>O.
7. Leave for 5 minutes for DNA to rehydrate fully.

**Clean dsDNA is now ready for further processing**

**Store a +4°C**

**For Research Use Only**