

DNA extraction using magnetic beads:

Mix nucleic acid sample with resuspended magnetic beads. Ratio will vary depending on the length of target nucleic acid fragments (less beads = select for longer fragments). General working ration is 1:1 liquid DNA sample:beads.

Mix well and let sit for 5 minutes at room temperature.

Place tube on magnetic bar for 30 seconds. Remove supernatant.

Remove tube from magnetic bar. Add 600uL of 95% ethanol. Mix.

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Let beads dry from any residual ethanol. (approx 5 minutes)

Add 50uL of PCR grade water for elution. Mix well.

Place tube on magnetic bar for 30 seconds. Supernatant will contain nucleic acid sample.