



Protocol **Crystal Violet Buffer**

Crystal violet has a lower sensitivity than ethidium bromide. Load as much as 1 to 3 μg DNA in a slot. If less than 100 ng of the required fragment is loaded onto the gel it may be necessary to make a control with ethidium bromide by running a second minigel at the same time. Agarose should be prepared by adding 100 μl Crystal violet gel buffer to 100 ml gel. Add 3-5 μl Crystal Violet loading buffer to 30 μl digest or PCR aliquot and load that into the slot. For maximum sensitivity the running buffer should only just cover the gel. After electrophoresis, place the gel on a light box to visualize separated fragments. Crystal violet is running in opposite direction as DNA, so do not run the gel for a too long time.