

Preparing 96-well Genotyping Plate for genomic DNA Extraction

Materials:

E14 media without LIF

Methods:

ES cells for DNA extraction do not need to maintain pluripotency. Use media that does not contain LIF and grow cells heavy in order to get higher yield. Change media twice a day.

1. Grow cells 2-3 days longer than the freezing plates.
2. Change media everyday or twice a day until the cells are ready for DNA extraction.
3. Once the plate is ready, aspirate media and rinse the cells with 150ul of PBS.
4. The plate is ready to genotype, or can be stored at -20C.