

Packing List DNA Fingerprinting

TEACHER-_____

Number of Students_____

ITEM	#per section	Total
Test tube racks (1/3 cut)	16 (reused)	_____
Pipette pumps 10 ml	16 (reused)	_____
Combs for gels	16 (reused)	_____
Thermometers (blue band)	3 (reused)	_____
Gel boxes	16 (reused)	_____
Power Supplies	8 (reused)	_____
Micropipettors	16 (reused)	_____
Fry pans for agarose	2 (reused)	_____
Fry pan thermostas at 60°C	2 (reused)	_____
3" X 2" glass slides	20	_____
Staining trays	20 (reused)	_____
250 ml sealed flasks (filled with 100ml of 0.8% agarose)	3-6	_____

* This is the equipment section. The following pages include the consumables and biological agents sections respectively.

ITEM	#per section	Total
Electrophoresis buffer (in 2 plastic bottles)	6 liters (reused)	_____
50X TAE buffers	8 50ml falcon tubes	_____
Methylene blue	1.0 L for 1-3 sections	_____
Funnel for used methylene blue	1	_____
Bottle for used stain	1	_____
Pipette tips	16 boxes (plus tip refills, 3 or more sections)	_____
10 ml pipette	20	_____
1.5 ml tubes	2/student	_____
9 oz. waste cups	20 (reused)	_____
Practice slotted agar plates	20 (reused)	_____
Sharpies	20 (reused)	_____

* This is the consumables section. The following is the biological agents section.

Biologicals

Label code	DNA type	Tubes per section	Total
1-4	Lambda DNA	1/10 Students (4 tubes =1 section)	_____
Agarose vials	1.5µl microfuge tubes	3/section	_____
Practice dyes		1 box for each suspect (11, 12, 13, & 14)	_____
Loading dye	1.5µl microfuge tubes	1 box labeled "L"	_____