

**Tech Prep Sheet: Bio Sci 230****Fish Forensics Part I: Sample Preparation ease review list before beginning of semester and ensure ALL items are available as listed.**

Supplies	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
1.5 mL Microfuge Tubes	2/sample			
1.5 mL Locking Microfuge Tubes				
P-20-200 uL Micropipettor w/ tips	1			
Transfer Pipettes	1			
Floating Racks				
Biohazard Waste Container	1			
Reagents	Amount/Student Pair	Total # students	Total Amount	
Fish Types	0.1 g			Keep frozen till use to reduce smell
Laemmli w/SDS Running Buffer	200 uL/Samp			Should not have blue loading dye
Laemmli w/Triton 100X Running Buffer	8 uL/Samp			Should not have blue loading dye
Laemmli w/SDS Buffer & Loading Dye	10 uL/Samp			Blue in color
Laemmli w/Triton 100X Buffer & Loading Dye				Blue in color
10X Reducing Agent				From Invitrogen
Equipment	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
Clinical Centrifuge				
70C Water Bath				
Power Supplies				
Analytical Balance				
Weighing Paper	1/Sample			