













Staining comparison				
Stain	Comments	Sensitivity (Approximate)		
Coomassie Blue	Most commonly used MS compatible	40 ng		
Biosafe Coomassie	MS compatible Easily visualized Non-hazardous	10 ng		
Silver stain	MS compatibility an issue High sensitivity	1 ng		
Silver stain plus	MS compatible High sensitivity	1 ng		
SYPRO Ruby	MS compatible Linear over 3 orders of magnitude High sensitivity	1 ng		



Laboratory demonstration





















2-D Gel Analysis Software (4)

2-DE software	Website
Image Master 2D Platinum	http://gelifesciences.com
PDQuest	http://discover.biorad.com
Delta 2-D	http://www.decodon.com
Dymension	http://www.syngene.com
Ludesi 2-D gel image analysis	http://www.ludesi.com
Progenesis	http://www.nonlinear.com











OFFGEL Electrophoresis













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Agilent 3100 OFFGEL Fractionator. Agilent Technologies	NOTE		
III Bombay Proteomics Course	NPIEL		