

2-D gel Sample Analysis Sheet



Name _____ Date _____
 Address _____ Tel. # _____
 _____ Fax # _____
 _____ Email _____
 P.O. # _____ (P.O. # required for return of result)
 Billing address (new account or if different than shipping address) _____

SAMPLE COMPOSITION: Briefly describe your samples continuing on the opposite side if necessary.

Date received _____ By _____ Run PAGE _____ Stain _____

#	Your sample #	Sample identification and Description	µl enclosed	Protein µg/µl	Protein dpm /µl	µl* load
1						
2						
3						
4						
5						
6						
7						
8						
9						

*Note: µl to load must be between 2 and 50

- The protein concentration of the sample(s) was determined by the methods of _____
- The sample consists of: (Check one)
 complex mixture of polypeptides purified polypeptide Is sample preparation necessary?
 few polypeptides don't know Yes No
- What is the composition of the buffer you used to dissolve the sample? _____

- What is the molecular wt. range of interest? _____
 (Note: our standard 10% acrylamide slab gel will resolve from 14 to 220 kilodaltons.)
- Is the sample radioactive? _____ If so, what is the isotope? _____
 What is the total dpm for all enclosed sample(s)? _____
 What slab gel % acrylamide is described? (10% is standard) _____
 What is this Isoelectric Point of most interest? _____

Please check appropriate step to be performed on your sample, see next page.

Check appropriate items below – as applicable

2D Gel Procedures		
<input type="checkbox"/> 2D PAGE (2D-ES-1) <input type="checkbox"/> Duplicate gels (2D-duplicate) <input type="checkbox"/> Custom pH gradient (2D-ES-2) <input type="checkbox"/> 2-D with peptide slab (2D-ES-3) <input type="checkbox"/> 2-D with 8% pH 8 (2D-ES-4) <input type="checkbox"/> 2-D. MW down side (2D-ES-5) <input type="checkbox"/> No Sulphydral (2D-ES-6)	<input type="checkbox"/> CA/CPK PI markers (2D-ES-7) <input type="checkbox"/> Partial tubes gels (2D-ES-8) <input type="checkbox"/> Manual comparisons (2D-ES-9) <input type="checkbox"/> Ltd Computer Comp (2D-ES-10) <input type="checkbox"/> Global Comp (2D-ES-11) <input type="checkbox"/> 2-D Quant. Few spots (2D-ES-12) <input type="checkbox"/> Laser Scanning (2D-ES-13)	<input type="checkbox"/> Electronic photos (2D-ES-14) <input type="checkbox"/> Mass Spec Fingerpr int(2D-ES-15) <input type="checkbox"/> Internal AA sequencing (2D-ES-16) <input type="checkbox"/> N-term. Sequencing (2D-ES-17) <input type="checkbox"/> LC-MS/MS (2D-ES-18) <input type="checkbox"/> Database Maintenance (2D-ES-19) <input type="checkbox"/> Spot Cutout for Seq (2D-ES-20)
1D Slab Gel Procedure		
<input type="checkbox"/> SDS PAGE (1D-ES-1) <input type="checkbox"/> 1D Quant. (1D-ES-2) <input type="checkbox"/> MW Distribution (1D-ES-3)	<input type="checkbox"/> Double thickness (1D-ES-4) <input type="checkbox"/> Peptide slab gels (1D-ES-5) <input type="checkbox"/> 1D known protein det (1D-PKG-1)	<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> (Write in the assay number , if known)
Staining, Drying Procedure		
<input type="checkbox"/> Coomassie blue stain (STP-1) <input type="checkbox"/> Silver stain (STP-2)	<input type="checkbox"/> Special silver stain (STP-3) <input type="checkbox"/> Rudy Red stain (STP-4)	<input type="checkbox"/> Transparency drying (STP-5) <input type="checkbox"/> Paper drying (STP-6)
Radioactivey Procedure		
<input type="checkbox"/> Autoradiography (RP-1) <input type="checkbox"/> Enhance treatment (RP-2)	<input type="checkbox"/> Fluorography (RP-3) <input type="checkbox"/> ¹⁴ C MW markers (RP-4)	<input type="checkbox"/> Send for identification of the phosphorylation site (RP-5)
Blotting Procedure		
<input type="checkbox"/> PVDF blot (BP-1) <input type="checkbox"/> PVDF staining (BP-2)	<input type="checkbox"/> Nitrocellulose blot (BP-3) <input type="checkbox"/> India Ink Stain (BP-4)	<input type="checkbox"/> Colored MW markers (BP-5) <input type="checkbox"/> Western blotting (BP-6)
Sample Preparation Procedure and cGMP		
<input type="checkbox"/> Protein determinations (SP-1) <input type="checkbox"/> TCA Precipitation (SP-2) <input type="checkbox"/> Ethanol Precipitation (SP-3)	<input type="checkbox"/> Nuclease Treatment (SP-4) <input type="checkbox"/> Microdialysis (SP-5) <input type="checkbox"/> Lyophilization (SP-6)	<input type="checkbox"/> Add SDS + boiling (SP-7) <input type="checkbox"/> Custom sample prep (SP-8) <input type="checkbox"/> GMP (cGMP-1)

COMMENTS, REQUESTS OR SPECIAL INSTRUCTIONS: _____