

Protein Gel Stain Selection Guide

The following table summarizes the protein stains offered by G-Biosciences to aid in the selection of the most appropriate stain.

	Sensitivity to BSA (ng)	Staining Time (min)	Application Comments
LabSafe GEL Blue™	4-8	3-60	<ul style="list-style-type: none"> Improved Coomassie based stain No destaining required For native, denaturing, isoelectric focusing & 2D gels
FASTsilver™	0.5-1.0	60-90	<ul style="list-style-type: none"> Stains proteins and nucleic acids For native, denaturing, isoelectric focusing & 2D gels
FOCUS FASTsilver™	0.5-1.0	60-90	<ul style="list-style-type: none"> Mass Spectrometry compatible Allows optimal proteolytic digestion Allows maximum peptide extraction For native, denaturing, isoelectric focusing & 2D gels
RAPIDstain™	4-8	5-60	<ul style="list-style-type: none"> Improved Coomassie based stain No destaining required For native, denaturing, isoelectric focusing & 2D gels
Reversible Copper Stain™	0.1-0.5	5-10	<ul style="list-style-type: none"> Reversible Compatible with subsequent applications, including elution and transfers. Not compatible with native gels or gels containing tricine or glycine
Reversible Zinc Stain™	0.1-0.5	10-20	<ul style="list-style-type: none"> Reversible Stains glycoproteins, phosphoproteins and other problematic proteins Compatible with subsequent applications, including elution and transfers For native and SDS denatured gels and gels containing glycine and tricine
Glycoprotein Staining Kit	0.5-1.0	180	<ul style="list-style-type: none"> A combined dye and silver stain kit Improved glycoprotein detection For native, denaturing, isoelectric focusing & 2D gels

