

Table 1 — Migration patterns of protein standards* on NuPAGE® Novex Gels

	Bis-Tris						Tris-Acetate			
	8% Bis-Tris Gel w/MES Running Buffer	8% Bis-Tris Gel w/MOPS Running Buffer	10% Bis-Tris Gel w/MES Running Buffer	10% Bis-Tris Gel w/MOPS Running Buffer	4-12% Bis-Tris Gel w/MES Running Buffer	4-12% Bis-Tris Gel w/MOPS Running Buffer	12% Bis-Tris Gel w/MES Running Buffer	12% Bis-Tris Gel w/MOPS Running Buffer	7% TA Gel w/TA Running Buffer	3-8% TA Gel w/TA Running Buffer
10							200 kDa	200 kDa		
20	200 kDa		200 kDa	200 kDa			116 kDa	116 kDa	400 kDa	
30	116 kDa	200 kDa	116 kDa	116 kDa			97 kDa	97 kDa	200 kDa	400 kDa
40	97 kDa	116 kDa	66 kDa	66 kDa	66 kDa	116 kDa	36 kDa	31 kDa	116 kDa	200 kDa
50	66 kDa	97 kDa	36 kDa	55 kDa			21 kDa		97 kDa	
60	55 kDa	36 kDa	31 kDa		36 kDa	36 kDa	14 kDa	31 kDa		
70	36 kDa	66 kDa	21 kDa		31 kDa	55 kDa			66 kDa	116 kDa
80	31 kDa		14 kDa	36 kDa	21 kDa		6 kDa	21 kDa	55 kDa	97 kDa
90	21 kDa	55 kDa			14 kDa	36 kDa				
100	14 kDa		31 kDa			31 kDa	3.5 kDa			66 kDa
							2.5 kDa			
			6 kDa		6 kDa			14 kDa		55 kDa
		36 kDa		21 kDa		21 kDa				
	6 kDa	31 kDa	3.5 kDa		3.5 kDa	14 kDa		6 kDa	36 kDa	
			2.5 kDa	14 kDa	2.5 kDa					36 kDa
										31 kDa
									31 kDa	

NuPAGE® Gel Conversion Table	
Currently using:	Recommended NuPAGE® Gel:
4% Tris-Glycine	NuPAGE® 3-8% Tris-Acetate (+ TA Buffer)
6% Tris-Glycine	NuPAGE® 3-8% Tris-Acetate (+ TA Buffer)
10% Tris-Glycine	NuPAGE® 8% Bis-Tris (+ MOPS Buffer)
	NuPAGE® 10% Bis-Tris (+ MOPS Buffer)
12% Tris-Glycine	NuPAGE® 10% Bis-Tris (+ MOPS Buffer)
14% Tris-Glycine	NuPAGE® 12% Bis-Tris (+ MOPS Buffer)
16% Tris-Glycine	NuPAGE® 12% Bis-Tris (+ MES Buffer)
18% Tris-Glycine	NuPAGE® 12% Bis-Tris (+ MES Buffer)
4-12% Tris-Glycine	NuPAGE® 3-8% Tris-Acetate (+ TA Buffer)
	NuPAGE® 4-12% Bis-Tris (+ MOPS Buffer)
4-20% Tris-Glycine	NuPAGE® 4-12% Bis-Tris (+ MES Buffer)
8-16% Tris-Glycine	NuPAGE® 4-12% Bis-Tris (+ MOPS Buffer)
10-20% Tris-Glycine	NuPAGE® 12% Bis-Tris (+ MOPS Buffer)
10% Tricine	NuPAGE® 8% Bis-Tris (+ MES Buffer)
	NuPAGE® 10% Bis-Tris (+ MES Buffer)
16% Tricine	NuPAGE® 4-12% Bis-Tris (+ MES Buffer)
	NuPAGE® 12% Bis-Tris (+ MES Buffer)
10-20% Tricine	NuPAGE® 4-12% Bis-Tris (+ MES Buffer)