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Client
Example Company
100 Main St
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Dear Client:

Results of the electrophoretic analysis of your three IgG samples received 1/9/25 are presented on the following pages. An image of the IEF gel is shown in Figure 1. Gel loading and lane identifications are provided in Table 1. Also included are methods, the original dried gel, and a CD containing electronic images of the gel.

Novex 3-10 IEF gel methods

Samples were diluted to a protein concentration of 0.5 mg/ml in Novex 3-10 IEF Sample Buffer before loading. An IEF standard mix (Bio-Rad Cat. # 161-0310, broad range pI 4.45-9.6) was subjected to IEF slab gel electrophoresis along with the samples. The IEF standard proteins: lentil lectin isoform-1, pI 8.2; lentil lectin isoform-2, pI 8.0; lentil lectin isoform-3, pI 7.8; human hemoglobin-C, pI 7.5; equine myoglobin, pI 7.0; human carbonic anhydrase, pI 6.5; bovine carbonic anhydrase, pI 6.0; beta-lactoglobulin-B, pI 5.1; and phycocyanin, pI 4.7. The gels were focused at 100 constant volts for 1 hour, 200 constant volts for 1 hour, and 500 constant volts for 30 minutes. The gels were fixed in 12% TCA for ½ hour before staining. The gels were stained with Coomassie blue, destained in 10% acetic acid until a clear background was obtained, then dried between cellophane sheets.

Please call with any questions or comments.

Sincerely,

Susie Scientist
Biochemist

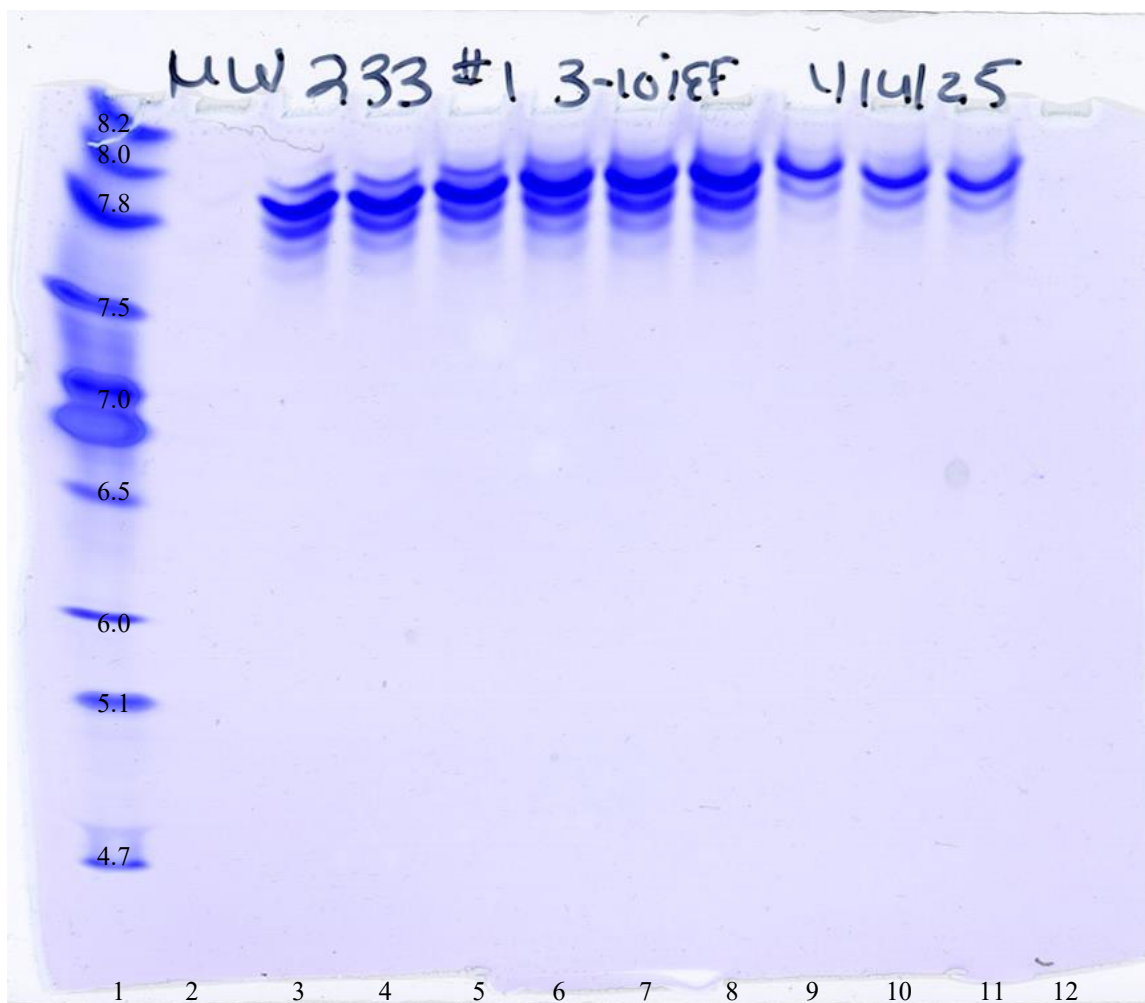


Figure 1. Image of IEF gel MW p. 233 #1.

Lane	Sample	Original μl Sample Loaded	μl Loaded	μg Loaded
1	Bio-Rad IEF Standards pI 4.45-9.6	-	0.6	-
2	IEF Sample Buffer	-	10	-
3	IgG Sample A	0.059	10	5
4	IgG Sample A	0.059	10	5
5	IgG Sample A	0.059	10	5
6	IgG Sample B	0.065	10	5
7	IgG Sample B	0.065	10	5
8	IgG Sample B	0.065	10	5
9	IgG Sample C	0.283	10	5
10	IgG Sample C	0.283	10	5
11	IgG Sample C	0.283	10	5
12	-	-	-	-

Table 1. Key to IEF gel loading of MW p. 233 #1.