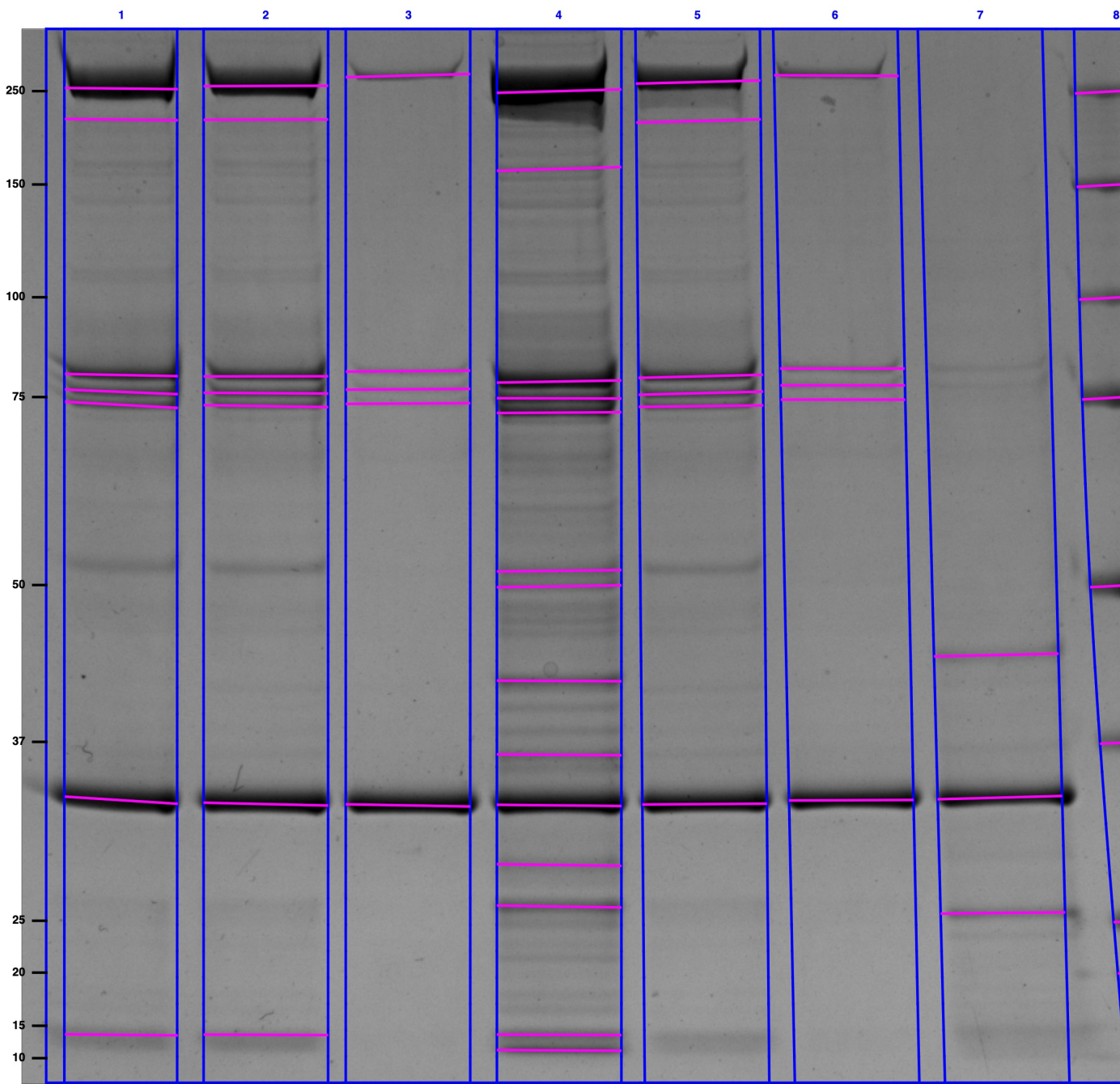


Image Report: polline 6settimana linea3



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 6/polline 6settimana
linea3.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.024 (Auto - Intense Bands)
Flat Field	Applied (White)

Serial Number	731BR02881
Software Version	5.2.1
Application	Coomassie Blue
Excitation Source	White Trans illumination
Emission Filter	Standard Filter

Image Information

Acquisition Date	22/9/2023 11:39:13 AM
User Name	FisioLab
Image Area (mm)	X: 64.5 Y: 55.6
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	18079 - 58755

Analysis Settings

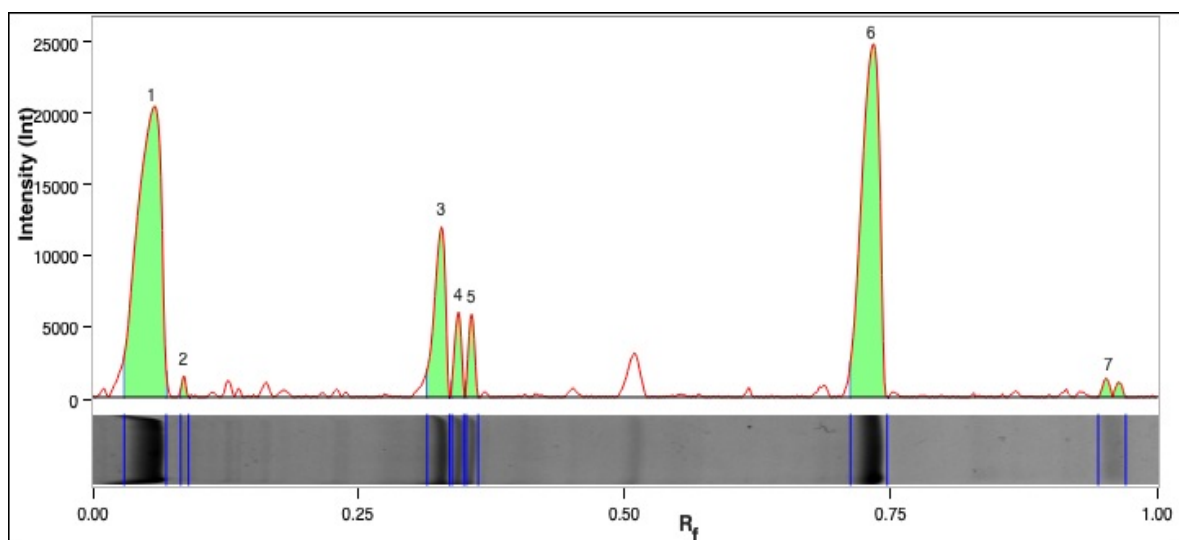
Detection	<p>Lane detection: Manually created lanes</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: last</p> <p>Regression method: Point to Point (semi-log)</p>

Lane Statistics

Lane No.	Adj. Total Band Vol. (Int)	Total Band Vol. (Int)	Adj. Total Lane Vol. (Int)	Total Lane Vol. (Int)	Bkgd. Vol. (Int)	Norm. Factor
1	92.269.068	399.609.096	104.788.368	1.939.431.144	1.834.642.776	N/A
2	95.888.064	420.394.368	110.976.768	2.072.915.616	1.961.938.848	N/A
3	48.798.240	208.618.368	55.614.528	1.929.716.064	1.874.101.536	N/A
4	137.694.528	712.842.528	172.617.312	2.319.988.704	2.147.371.392	N/A
5	74.664.192	323.110.752	95.479.584	2.088.393.024	1.992.913.440	N/A
6	44.210.688	201.995.808	51.382.176	1.963.789.248	1.912.407.072	N/A
7	37.595.232	142.912.416	53.690.208	2.003.232.768	1.949.542.560	N/A
8	93.865.860	472.641.840	96.642.678	1.430.296.362	1.333.653.684	N/A

Lane And Band Analysis

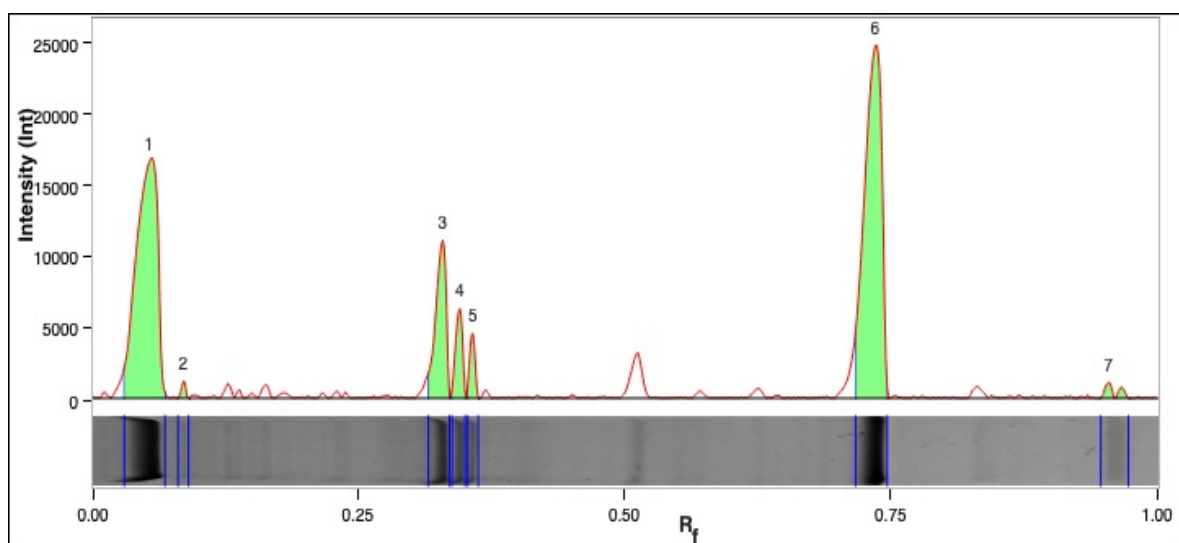
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,057	38.729.964	121.929.195	N/A	N/A	42,0	37,0
2		213,9	0,086	450.225	15.129.561	N/A	N/A	0,5	0,4
3		79,9	0,328	10.316.982	55.190.103	N/A	N/A	11,2	9,8
4		76,1	0,344	3.247.623	30.747.888	N/A	N/A	3,5	3,1
5		73,8	0,357	2.857.515	31.075.095	N/A	N/A	3,1	2,7
6		32,6	0,732	35.368.719	94.542.987	N/A	N/A	38,3	33,8
7		13,4	0,954	1.298.040	50.994.267	N/A	N/A	1,4	1,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.94 mm
Regression Equation	A single equation is not available for this method

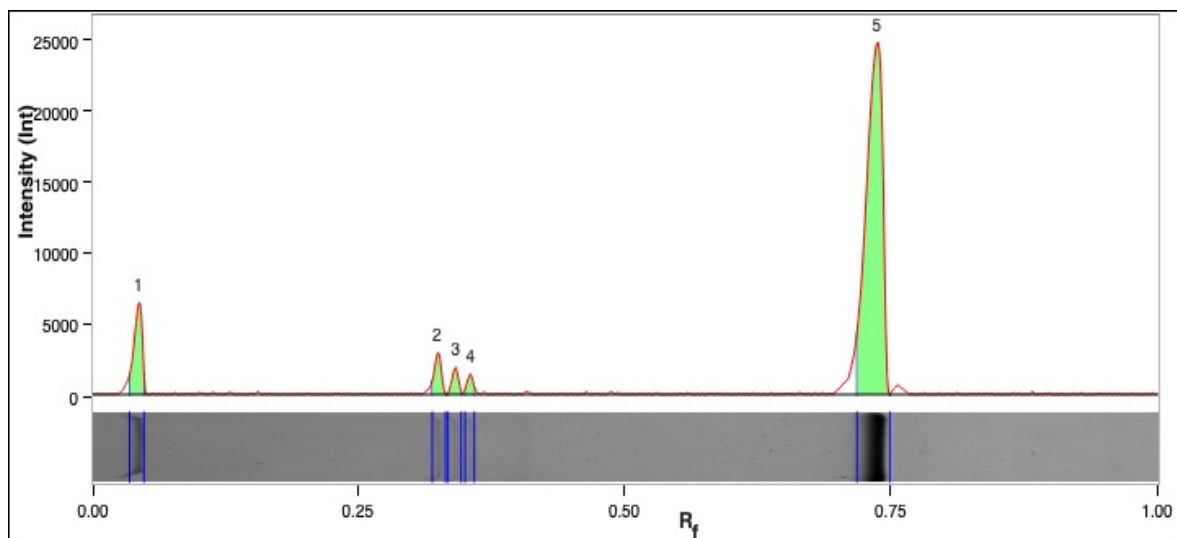
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,054	35.114.976	121.052.736	N/A	N/A	36,6	31,6
2		213,9	0,086	494.112	24.569.856	N/A	N/A	0,5	0,4
3		79,6	0,330	11.197.152	58.484.928	N/A	N/A	11,7	10,1
4		75,8	0,346	4.294.368	36.208.320	N/A	N/A	4,5	3,9
5		73,5	0,358	2.444.928	29.929.728	N/A	N/A	2,5	2,2
6		32,3	0,736	41.182.176	95.630.112	N/A	N/A	42,9	37,1
7		13,4	0,954	1.160.352	54.518.688	N/A	N/A	1,2	1,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

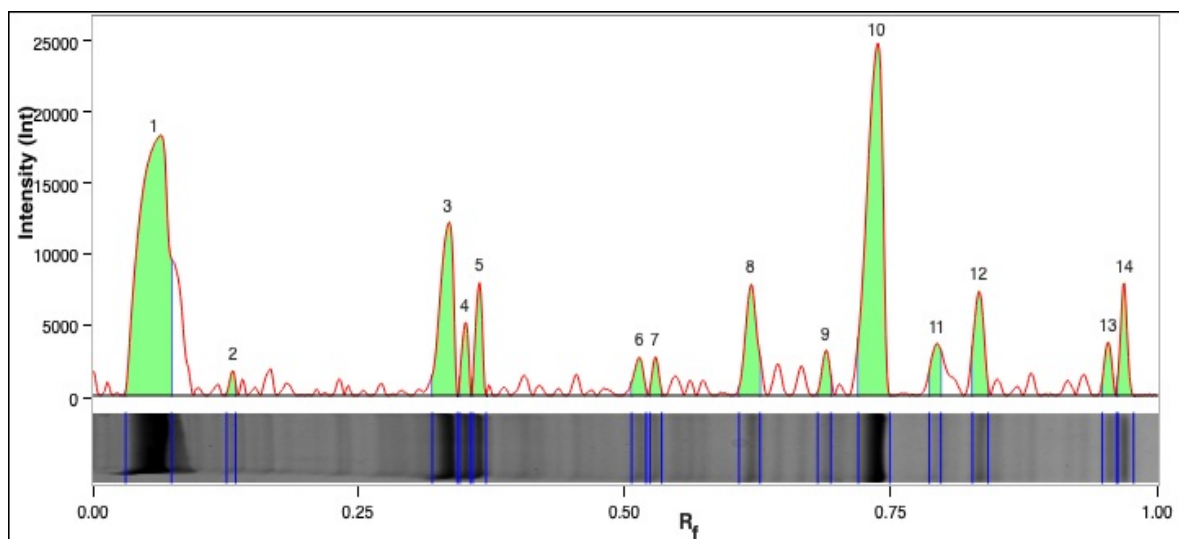
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,044	5.319.744	39.704.544	N/A	N/A	10,9	9,6
2		80,8	0,325	1.885.824	25.956.864	N/A	N/A	3,9	3,4
3		76,7	0,342	1.200.480	27.655.488	N/A	N/A	2,5	2,2
4		74,0	0,355	870.432	22.277.568	N/A	N/A	1,8	1,6
5		32,2	0,737	39.521.760	93.023.904	N/A	N/A	81,0	71,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

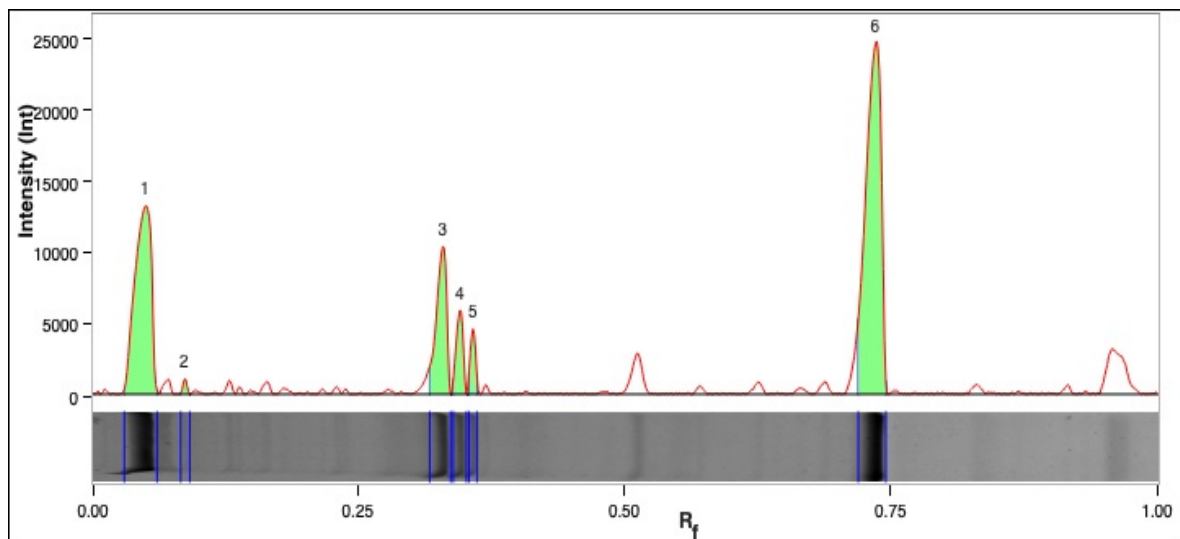
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,059	47.751.840	152.596.512	N/A	N/A	34,7	27,7
2		163,3	0,133	881.664	23.359.872	N/A	N/A	0,6	0,5
3		78,4	0,335	14.408.640	76.104.960	N/A	N/A	10,5	8,3
4		74,8	0,351	3.118.368	34.765.920	N/A	N/A	2,3	1,8
5		72,5	0,364	4.903.776	44.044.992	N/A	N/A	3,6	2,8
6		51,6	0,514	2.216.064	38.156.352	N/A	N/A	1,6	1,3
7		49,9	0,529	1.637.472	28.936.992	N/A	N/A	1,2	0,9
8		41,6	0,619	8.249.664	53.290.368	N/A	N/A	6,0	4,8
9		36,0	0,689	2.294.208	34.299.072	N/A	N/A	1,7	1,3
10		32,2	0,737	35.278.752	94.054.656	N/A	N/A	25,6	20,4
11		28,2	0,793	3.457.728	29.346.432	N/A	N/A	2,5	2,0
12		25,8	0,833	6.183.552	35.742.048	N/A	N/A	4,5	3,6
13		13,4	0,954	2.508.000	31.284.096	N/A	N/A	1,8	1,5
14		11,0	0,969	4.804.800	36.860.256	N/A	N/A	3,5	2,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

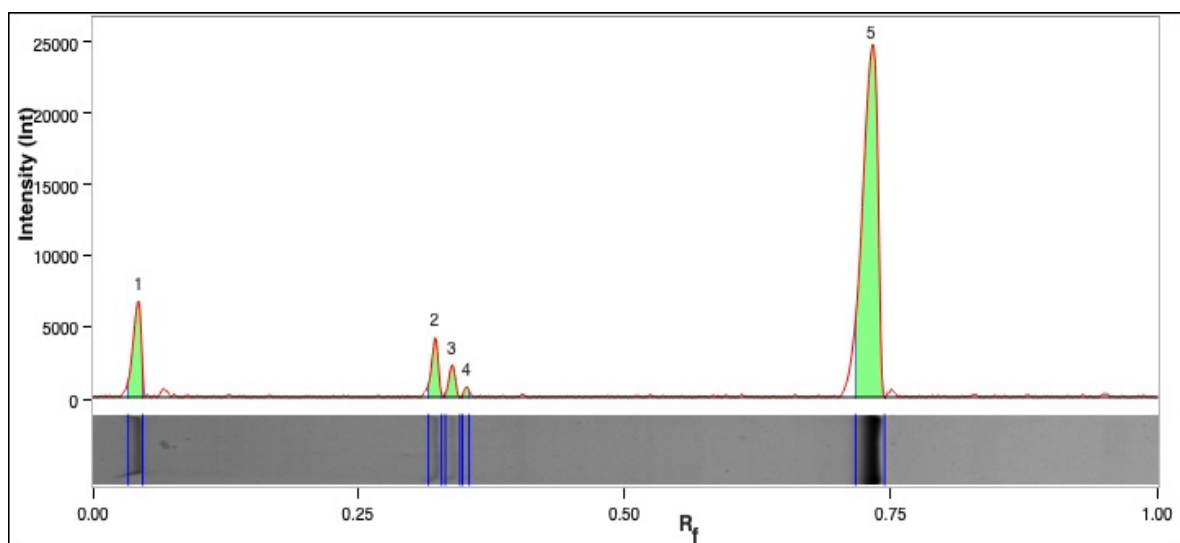
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,050	21.290.304	97.521.600	N/A	N/A	28,5	22,3
2		212,4	0,087	425.280	22.335.840	N/A	N/A	0,6	0,4
3		79,6	0,330	10.271.040	57.745.440	N/A	N/A	13,8	10,8
4		75,8	0,346	4.003.872	35.905.536	N/A	N/A	5,4	4,2
5		73,5	0,358	2.417.280	24.566.400	N/A	N/A	3,2	2,5
6		32,3	0,736	36.256.416	85.035.936	N/A	N/A	48,6	38,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

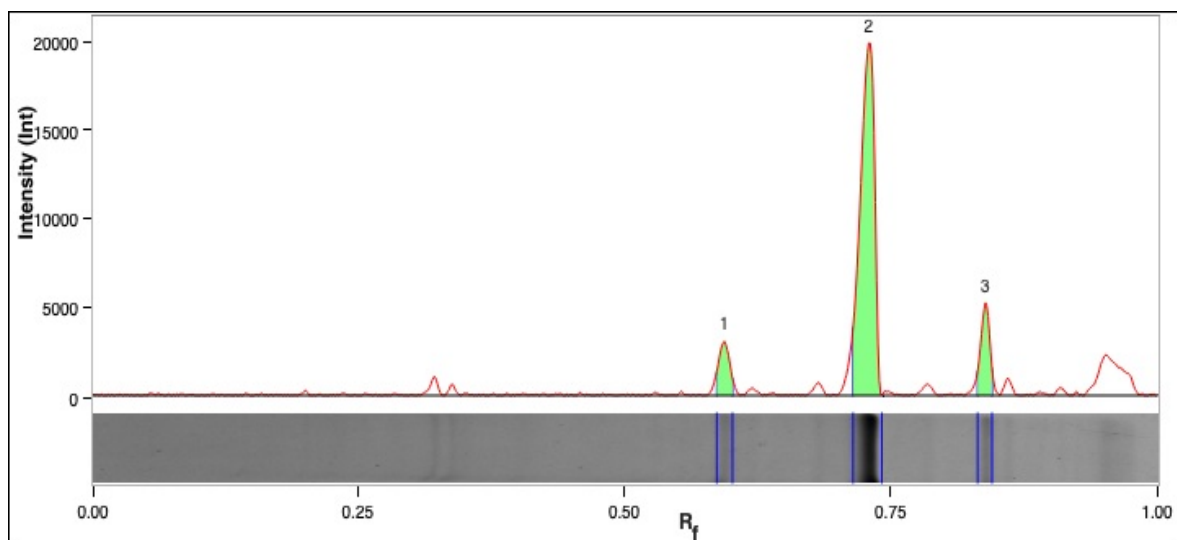
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,044	5.337.504	40.706.976	N/A	N/A	12,1	10,4
2		81,4	0,322	2.670.336	30.259.680	N/A	N/A	6,0	5,2
3		77,6	0,338	1.394.112	31.350.720	N/A	N/A	3,2	2,7
4		74,6	0,352	363.648	17.732.352	N/A	N/A	0,8	0,7
5		32,6	0,732	34.445.088	81.946.080	N/A	N/A	77,9	67,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

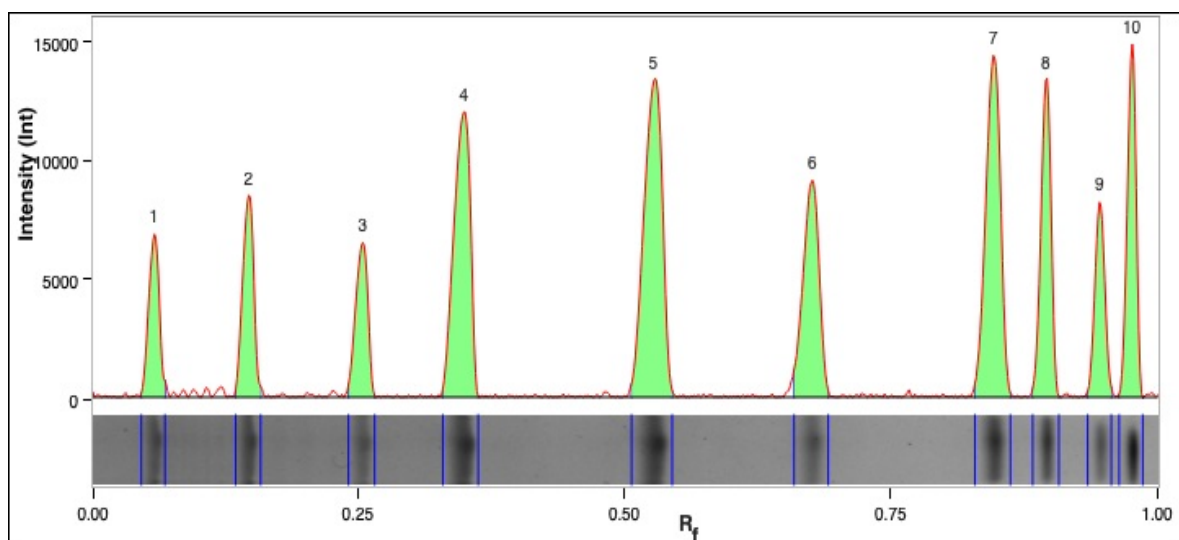
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		43,7	0,594	3.399.936	34.278.912	N/A	N/A	9,0	6,3
2		32,7	0,729	29.381.376	78.026.880	N/A	N/A	78,2	54,7
3		25,4	0,839	4.813.920	30.606.624	N/A	N/A	12,8	9,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

Lane 8 - Bio-Rad Precision Plus



Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.50 mm
Regression Equation	A single equation is not available for this method