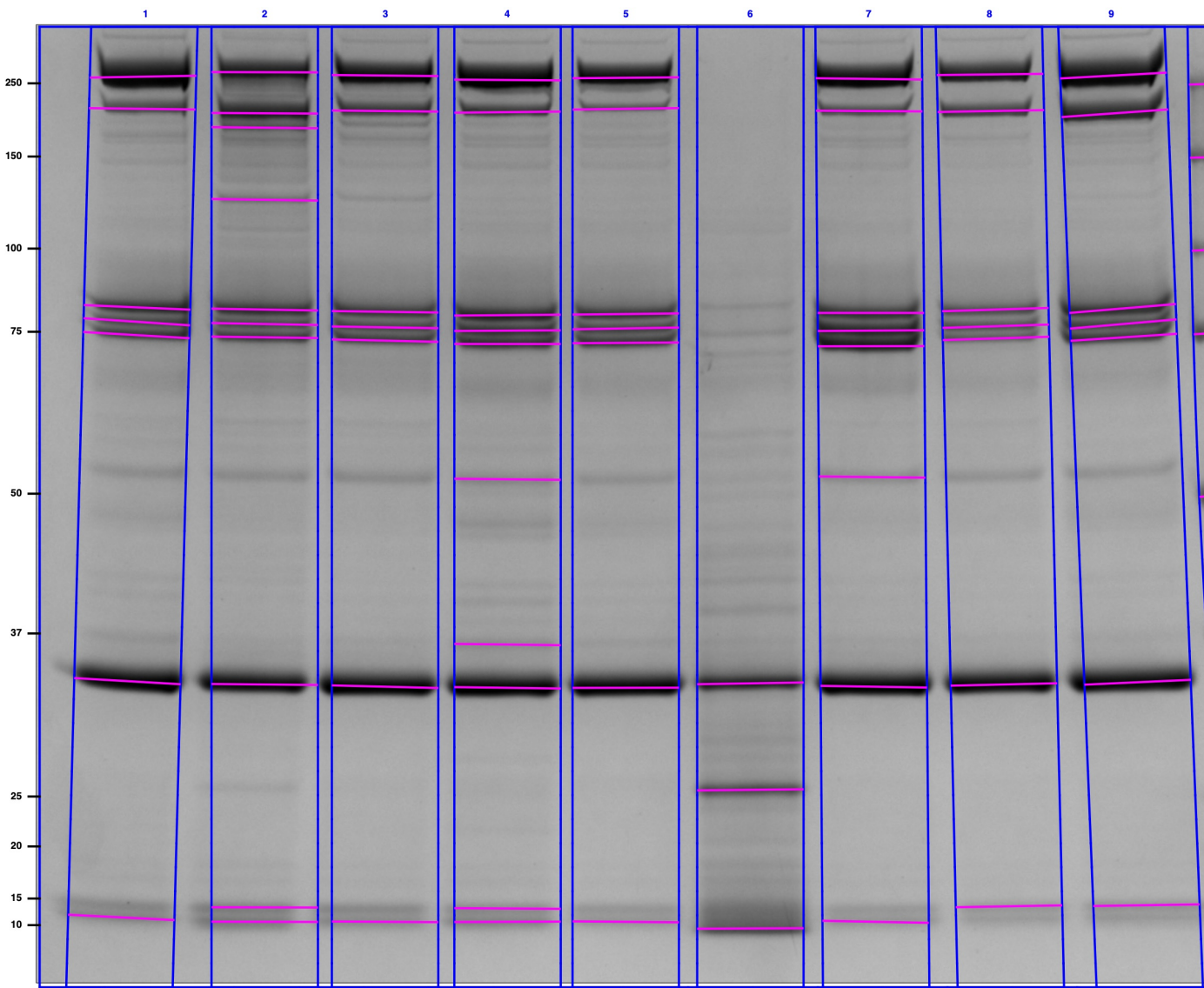


Image Report: polline 5settimana gel3



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 5/polline 5settimana gel3.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.559 (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
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Image Information

Acquisition Date	10/8/2023 12:24:11 PM
User Name	FisioLab
Image Area (mm)	X: 80.1 Y: 59.0
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	13341 - 57260

Analysis Settings

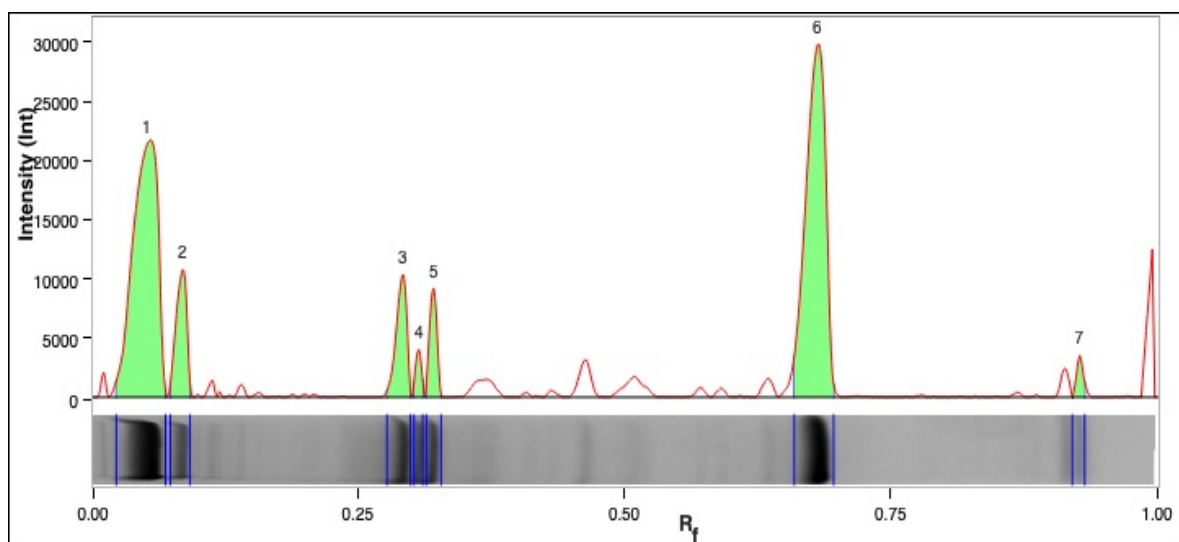
Detection	<p>Lane detection: Manually created lanes</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad 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	144.292.224	486.109.248	173.761.344	1.892.861.184	1.719.099.840	N/A
2	123.142.560	557.587.872	148.265.088	1.941.207.456	1.792.942.368	N/A
3	131.716.704	448.652.160	154.877.088	1.893.777.984	1.738.900.896	N/A
4	147.082.944	534.823.296	167.442.144	1.941.094.272	1.773.652.128	N/A
5	127.237.632	413.896.704	151.132.032	1.842.879.648	1.691.747.616	N/A
6	64.090.656	172.502.784	111.485.664	1.840.168.800	1.728.683.136	N/A
7	148.760.160	531.250.848	168.452.160	1.856.180.160	1.687.728.000	N/A
8	125.237.088	418.392.000	141.054.144	1.715.642.400	1.574.588.256	N/A
9	165.339.936	538.756.032	184.433.760	1.806.066.624	1.621.632.864	N/A
10	150.536.585	512.366.341	157.863.595	1.320.513.571	1.162.649.976	N/A

Lane And Band Analysis

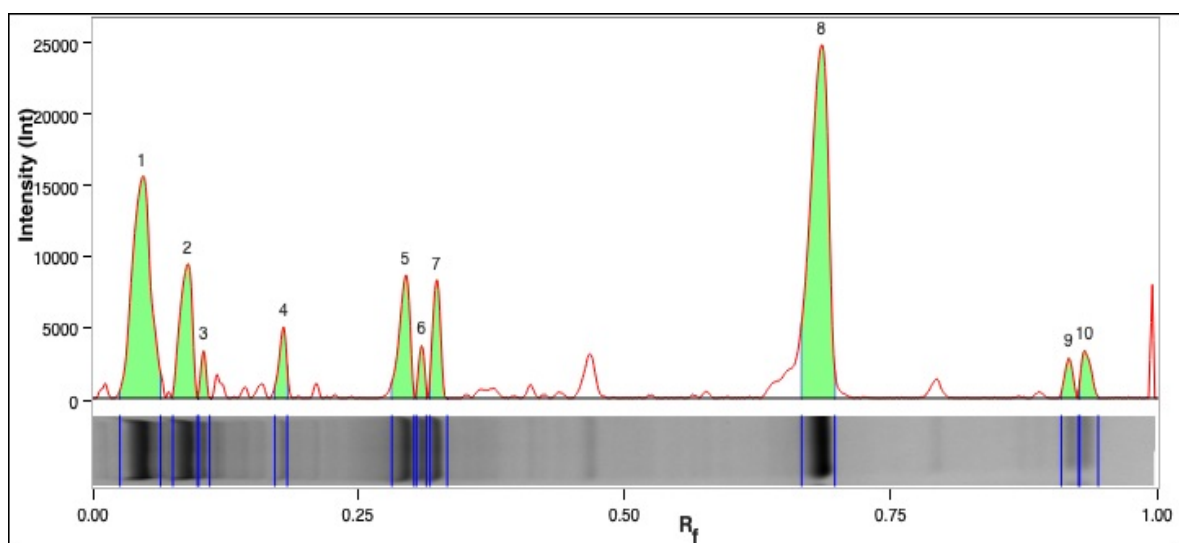
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	53.338.272	148.183.104	N/A	N/A	37,0	30,7
2		209,2	0,085	11.426.976	53.098.752	N/A	N/A	7,9	6,6
3		81,6	0,292	10.693.536	65.535.072	N/A	N/A	7,4	6,2
4		77,6	0,307	2.334.336	27.638.400	N/A	N/A	1,6	1,3
5		74,4	0,321	6.812.544	45.043.488	N/A	N/A	4,7	3,9
6		33,0	0,681	57.409.536	120.900.960	N/A	N/A	39,8	33,0
7		11,3	0,927	2.277.024	25.709.472	N/A	N/A	1,6	1,3

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

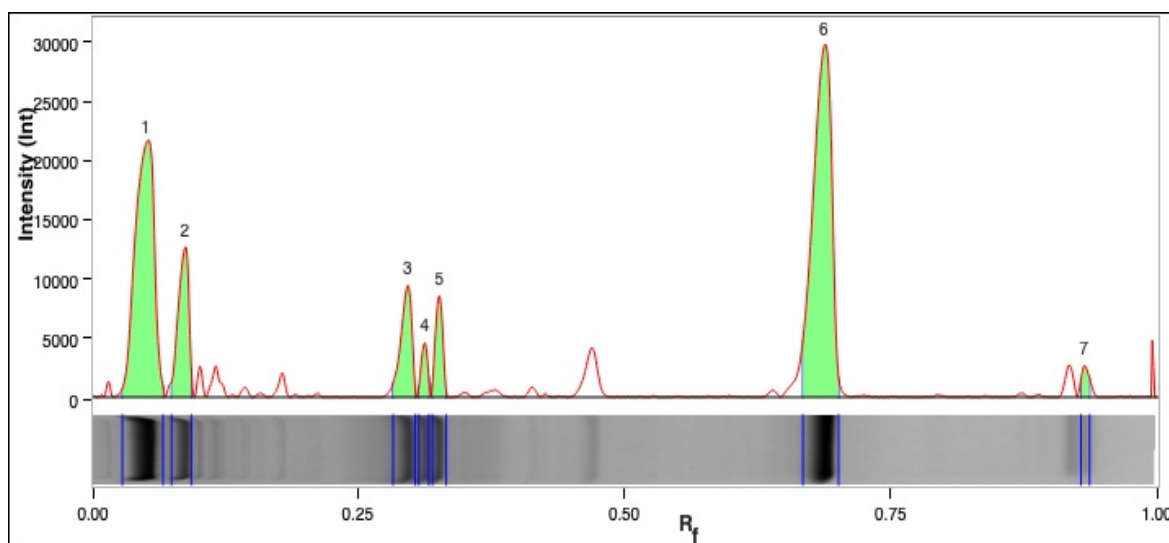
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,047	31.360.992	114.670.464	N/A	N/A	25,5	21,2
2		202,9	0,090	12.622.464	73.885.824	N/A	N/A	10,3	8,5
3		183,4	0,105	1.915.776	31.202.976	N/A	N/A	1,6	1,3
4		124,0	0,180	3.925.632	28.607.808	N/A	N/A	3,2	2,6
5		81,0	0,294	9.979.488	63.287.232	N/A	N/A	8,1	6,7
6		77,0	0,309	2.386.272	30.757.440	N/A	N/A	1,9	1,6
7		74,0	0,323	7.067.616	47.854.176	N/A	N/A	5,7	4,8
8		32,7	0,685	47.861.856	99.498.336	N/A	N/A	38,9	32,3
9		13,1	0,917	2.484.480	32.385.984	N/A	N/A	2,0	1,7
10		10,5	0,932	3.537.984	35.437.632	N/A	N/A	2,9	2,4

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

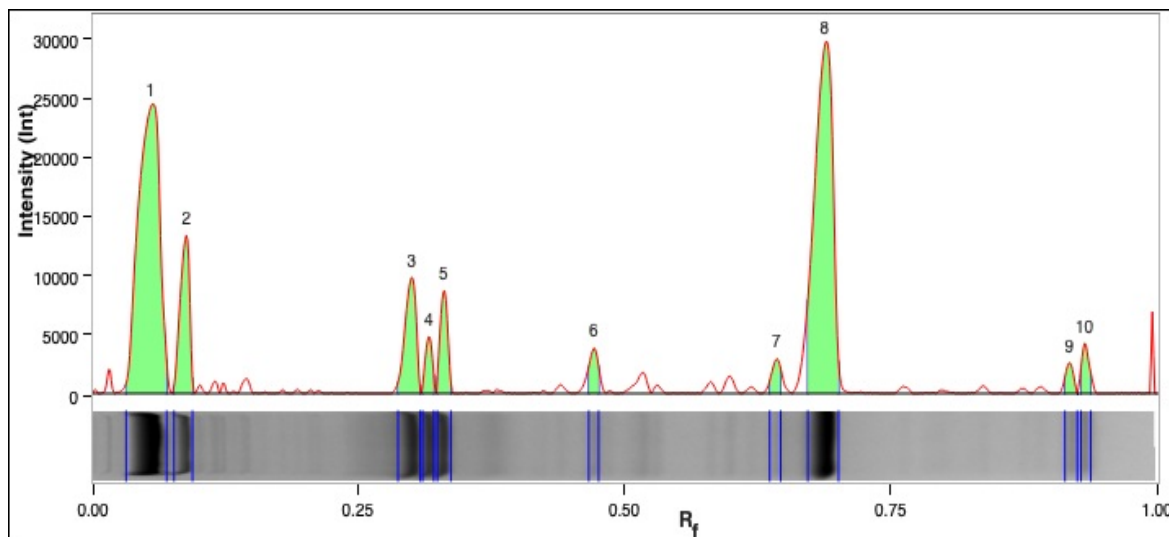
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,051	41.736.864	123.381.408	N/A	N/A	31,7	26,9
2		206,0	0,088	13.587.456	58.854.624	N/A	N/A	10,3	8,8
3		80,4	0,297	10.216.608	62.295.360	N/A	N/A	7,8	6,6
4		76,2	0,313	2.924.160	31.555.392	N/A	N/A	2,2	1,9
5		73,4	0,327	6.380.064	42.947.712	N/A	N/A	4,8	4,1
6		32,6	0,687	55.079.712	112.021.248	N/A	N/A	41,8	35,6
7		10,5	0,932	1.791.840	17.596.416	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	6.55 mm
Regression Equation	A single equation is not available for this method

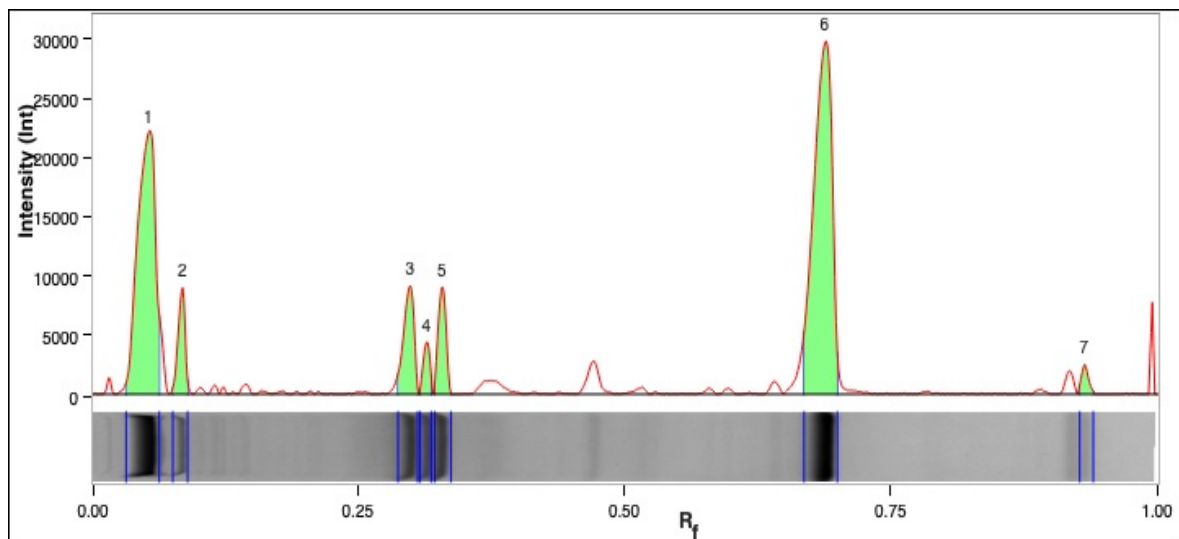
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	52.120.992	133.804.800	N/A	N/A	35,4	31,1
2		204,4	0,089	12.503.904	53.124.768	N/A	N/A	8,5	7,5
3		79,4	0,300	10.670.112	67.438.368	N/A	N/A	7,3	6,4
4		75,3	0,316	3.285.792	38.247.072	N/A	N/A	2,2	2,0
5		72,7	0,330	6.611.040	45.684.672	N/A	N/A	4,5	3,9
6		51,8	0,471	2.871.936	21.218.784	N/A	N/A	2,0	1,7
7		36,0	0,643	2.509.728	24.741.600	N/A	N/A	1,7	1,5
8		32,5	0,688	51.697.824	102.949.152	N/A	N/A	35,1	30,9
9		12,9	0,918	1.790.208	24.776.928	N/A	N/A	1,2	1,1
10		10,5	0,932	3.021.408	22.837.152	N/A	N/A	2,1	1,8

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

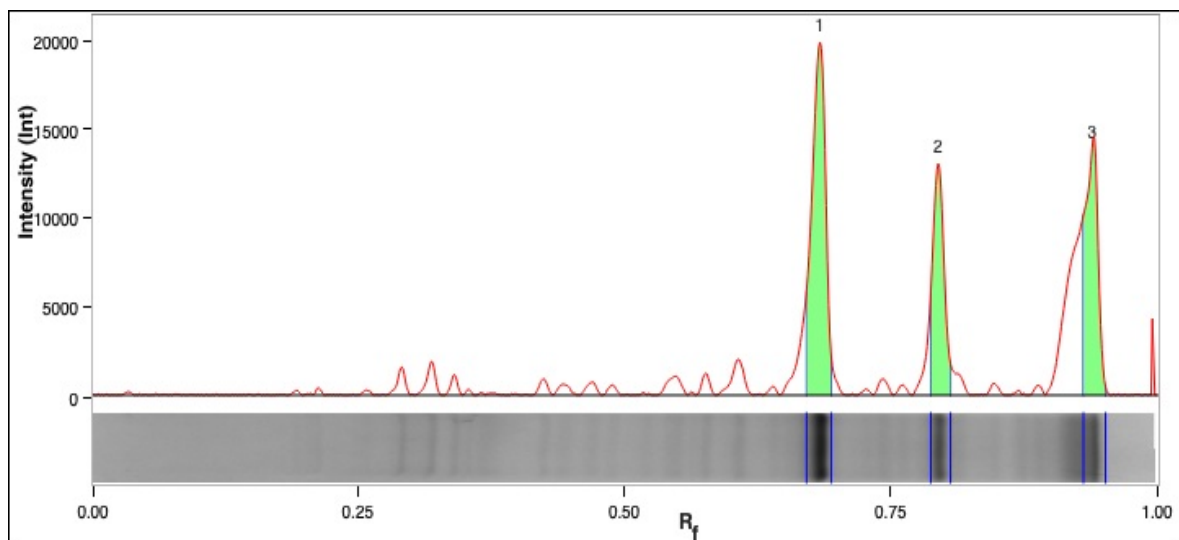
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	41.745.120	104.952.480	N/A	N/A	32,8	27,6
2		209,2	0,085	6.652.320	37.983.360	N/A	N/A	5,2	4,4
3		79,7	0,299	9.787.392	55.983.456	N/A	N/A	7,7	6,5
4		75,9	0,314	3.099.168	34.881.600	N/A	N/A	2,4	2,1
5		72,9	0,329	7.596.384	49.256.832	N/A	N/A	6,0	5,0
6		32,5	0,688	56.617.248	108.966.816	N/A	N/A	44,5	37,5
7		10,5	0,932	1.740.000	21.872.160	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	6.55 mm
Regression Equation	A single equation is not available for this method

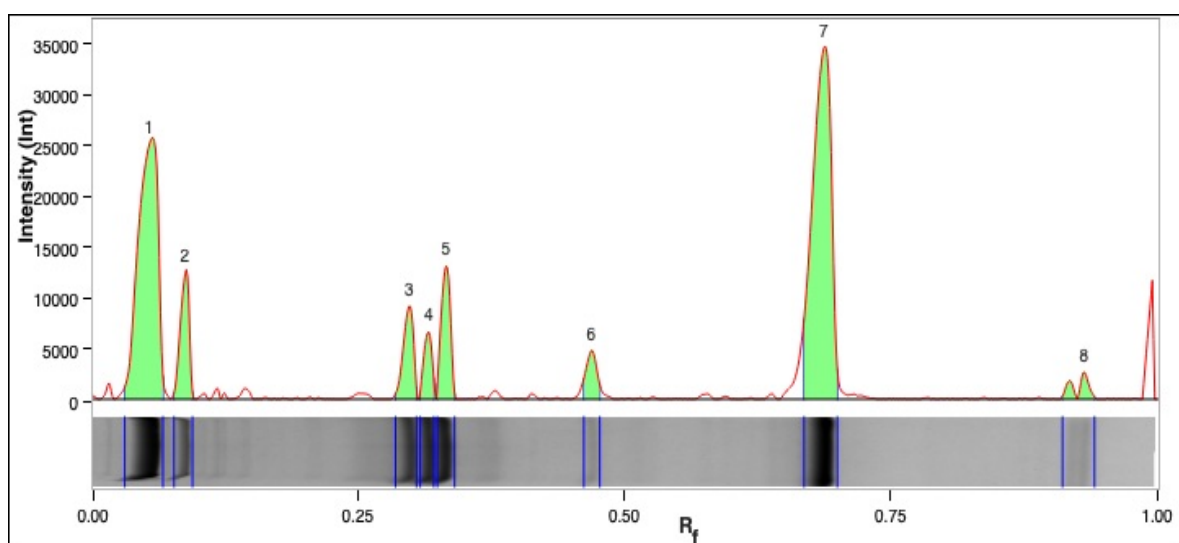
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		32,8	0,684	29.714.496	73.426.464	N/A	N/A	46,4	26,7
2		25,4	0,794	15.536.448	47.846.976	N/A	N/A	24,2	13,9
3		10,0	0,939	18.839.712	51.229.344	N/A	N/A	29,4	16,9

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

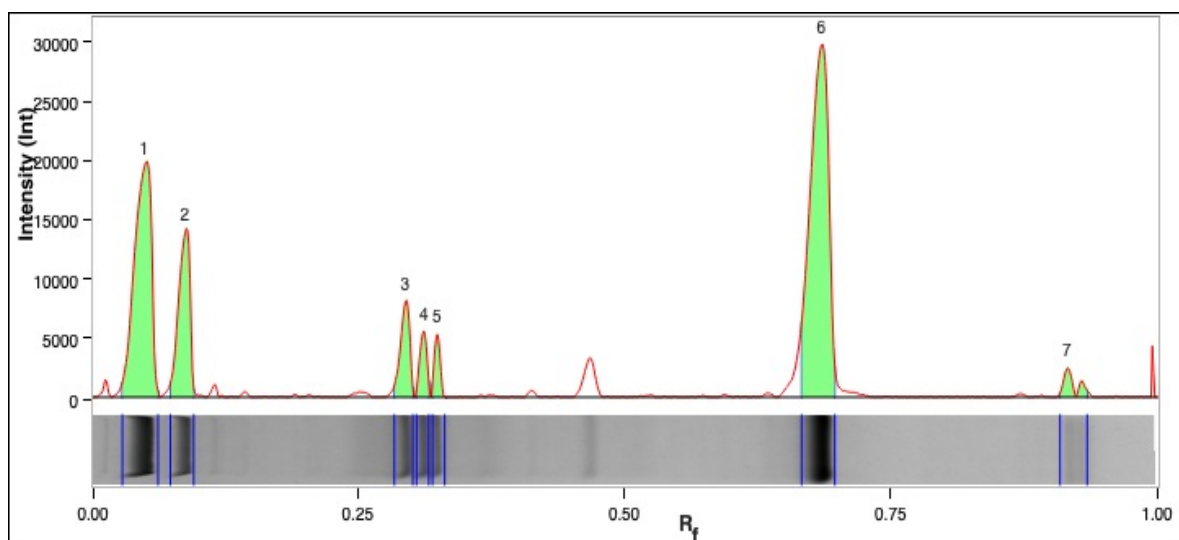
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,054	46.920.480	119.685.696	N/A	N/A	31,5	27,9
2		206,0	0,088	10.346.592	48.563.040	N/A	N/A	7,0	6,1
3		80,1	0,298	8.576.832	60.096.480	N/A	N/A	5,8	5,1
4		75,3	0,316	5.024.928	48.318.912	N/A	N/A	3,4	3,0
5		72,3	0,333	11.225.760	60.075.360	N/A	N/A	7,5	6,7
6		52,1	0,469	4.561.920	30.733.632	N/A	N/A	3,1	2,7
7		32,6	0,687	58.891.968	110.304.000	N/A	N/A	39,6	35,0
8		10,5	0,932	3.211.680	53.473.728	N/A	N/A	2,2	1,9

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

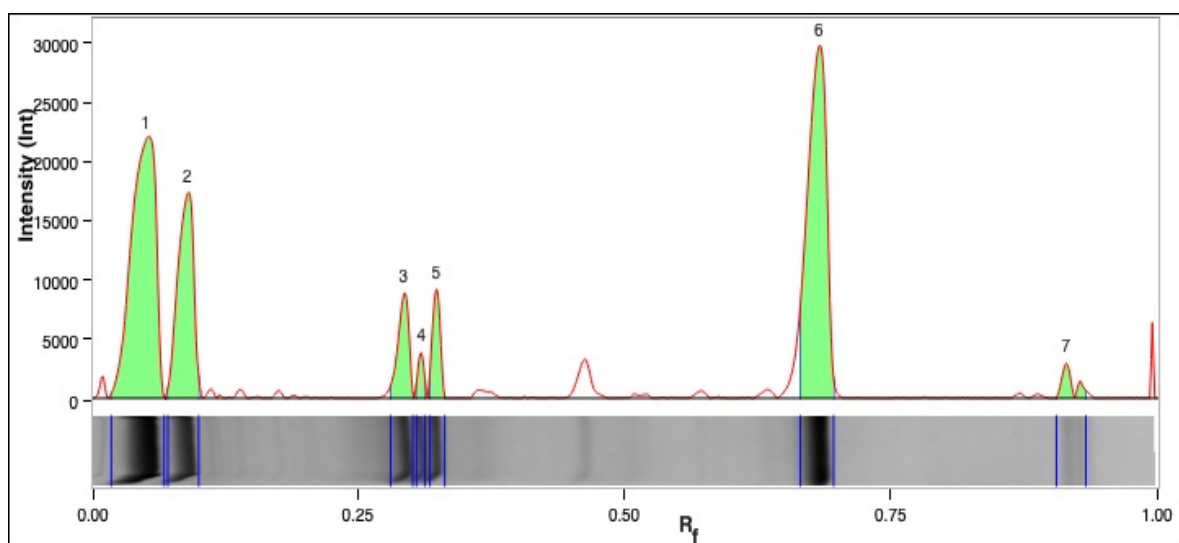
Lane 8



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	34.859.904	96.902.016	N/A	N/A	27,8	24,7
2		206,0	0,088	16.754.976	60.604.224	N/A	N/A	13,4	11,9
3		81,0	0,294	7.726.752	45.448.608	N/A	N/A	6,2	5,5
4		76,5	0,312	4.108.320	34.066.080	N/A	N/A	3,3	2,9
5		73,8	0,324	3.229.632	32.364.576	N/A	N/A	2,6	2,3
6		32,7	0,685	55.624.608	104.338.944	N/A	N/A	44,4	39,4
7		13,3	0,916	2.932.896	44.667.552	N/A	N/A	2,3	2,1

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

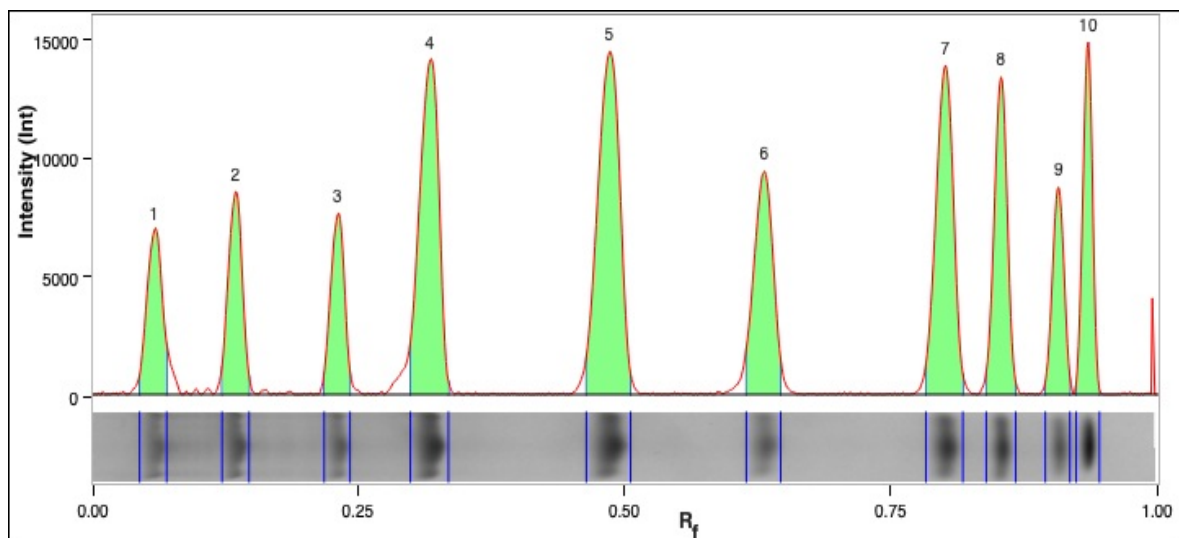
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,051	56.499.936	155.421.984	N/A	N/A	34,2	30,6
2		202,9	0,090	28.602.816	90.668.448	N/A	N/A	17,3	15,5
3		81,3	0,293	9.882.624	63.236.160	N/A	N/A	6,0	5,4
4		77,0	0,309	2.379.168	28.370.592	N/A	N/A	1,4	1,3
5		74,0	0,323	7.538.688	44.788.512	N/A	N/A	4,6	4,1
6		32,9	0,682	56.959.392	106.304.832	N/A	N/A	34,4	30,9
7		13,6	0,915	3.477.312	49.965.504	N/A	N/A	2,1	1,9

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 10 - Bio-Rad Precision Plus



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	9.046.452	45.123.636	N/A	N/A	6,0	5,7
2		150,0	0,135	10.218.467	47.112.010	N/A	N/A	6,8	6,5
3		100,0	0,231	8.948.121	42.178.305	N/A	N/A	5,9	5,7
4		75,0	0,318	23.252.398	68.557.366	N/A	N/A	15,4	14,7
5		50,0	0,486	27.201.187	75.722.754	N/A	N/A	18,1	17,2
6		37,0	0,632	15.197.359	51.203.733	N/A	N/A	10,1	9,6
7		25,0	0,801	20.707.399	60.109.733	N/A	N/A	13,8	13,1
8		20,0	0,853	14.917.331	47.241.731	N/A	N/A	9,9	9,4
9		15,0	0,908	8.729.048	37.027.279	N/A	N/A	5,8	5,5
10		10,0	0,935	12.318.823	38.089.794	N/A	N/A	8,2	7,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.98 mm
Regression Equation	A single equation is not available for this method