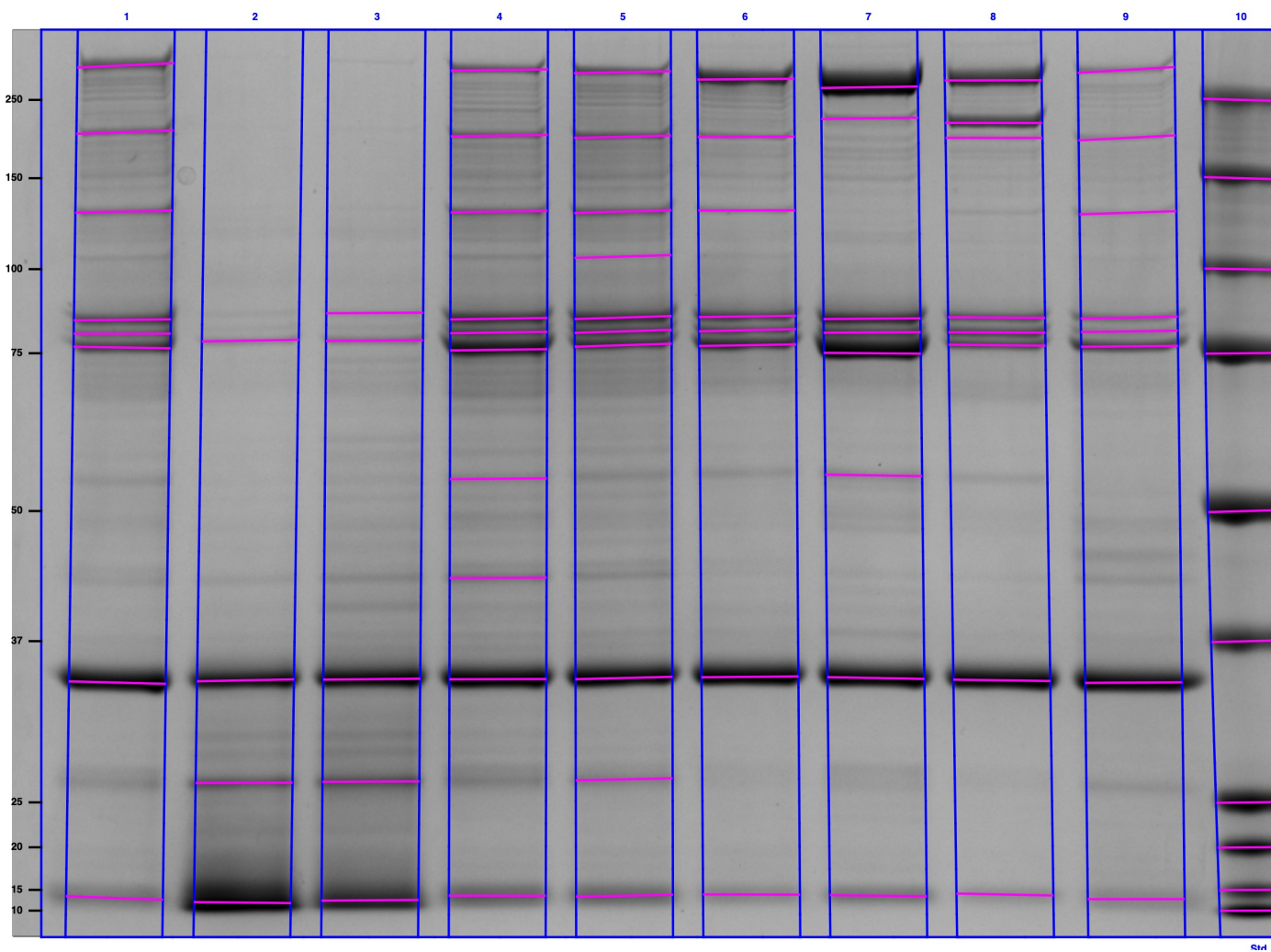


Image Report: polline 1linea 3settimana



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 3/polline 1linea 3settimana.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.019 (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	4/8/2023 12:51:31 PM
User Name	FisioLab
Image Area (mm)	X: 78.6 Y: 53.7
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	16176 - 58384

Analysis Settings

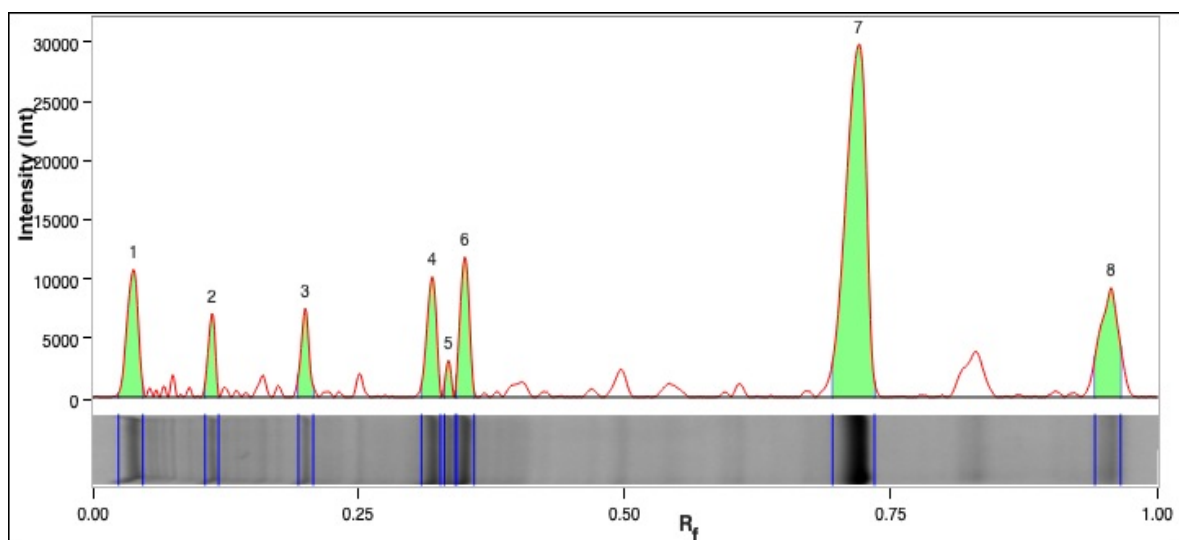
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight 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	94.890.516	357.199.248	119.491.092	1.589.102.172	1.469.611.080	N/A
2	115.465.728	298.360.860	144.046.980	1.535.891.532	1.391.844.552	N/A
3	101.030.496	301.409.892	136.746.540	1.602.247.836	1.465.501.296	N/A
4	110.409.180	470.286.180	140.041.524	1.738.535.400	1.598.493.876	N/A
5	97.599.600	424.003.104	121.879.968	1.709.298.948	1.587.418.980	N/A
6	100.178.484	345.466.128	118.444.872	1.569.092.616	1.450.647.744	N/A
7	151.307.016	451.999.128	170.689.932	1.595.293.308	1.424.603.376	N/A
8	110.288.808	350.671.020	125.569.920	1.466.355.912	1.340.785.992	N/A
9	74.695.488	288.271.956	93.357.348	1.487.175.060	1.393.817.712	N/A
10	241.332.660	725.304.882	248.487.389	1.473.259.449	1.224.772.060	N/A

Lane And Band Analysis

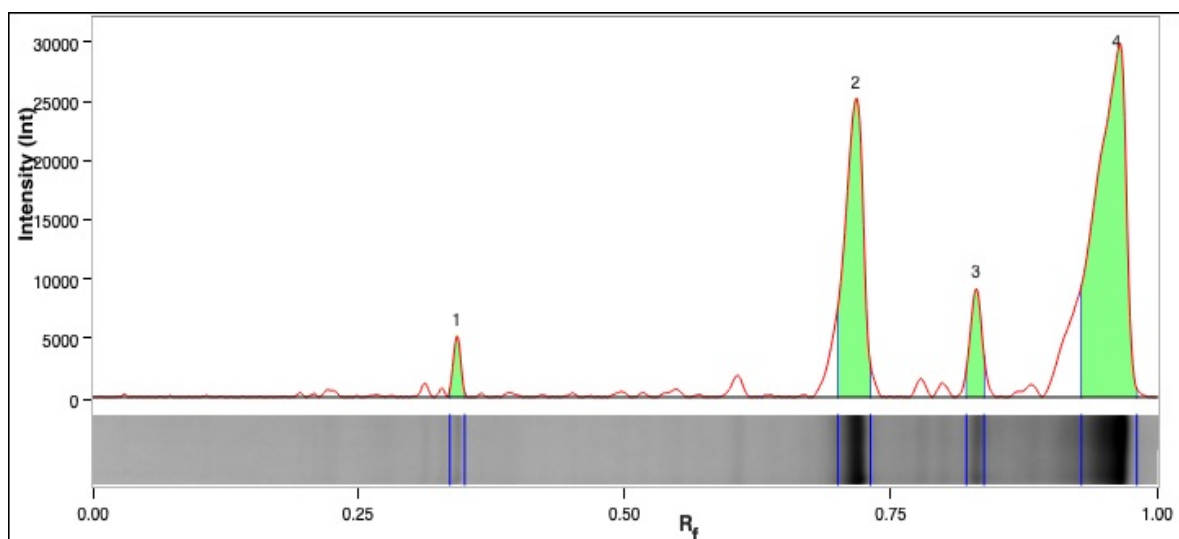
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,039	9.498.468	46.163.208	N/A	N/A	10,0	7,9
2		202,6	0,113	3.812.256	24.237.024	N/A	N/A	4,0	3,2
3		129,3	0,201	4.400.340	25.915.344	N/A	N/A	4,6	3,7
4		84,1	0,320	7.529.844	40.506.396	N/A	N/A	7,9	6,3
5		80,2	0,335	1.370.460	24.598.476	N/A	N/A	1,4	1,1
6		76,5	0,350	8.573.040	43.429.680	N/A	N/A	9,0	7,2
7		33,5	0,720	47.669.496	105.847.980	N/A	N/A	50,2	39,9
8		12,8	0,957	12.036.612	46.501.140	N/A	N/A	12,7	10,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

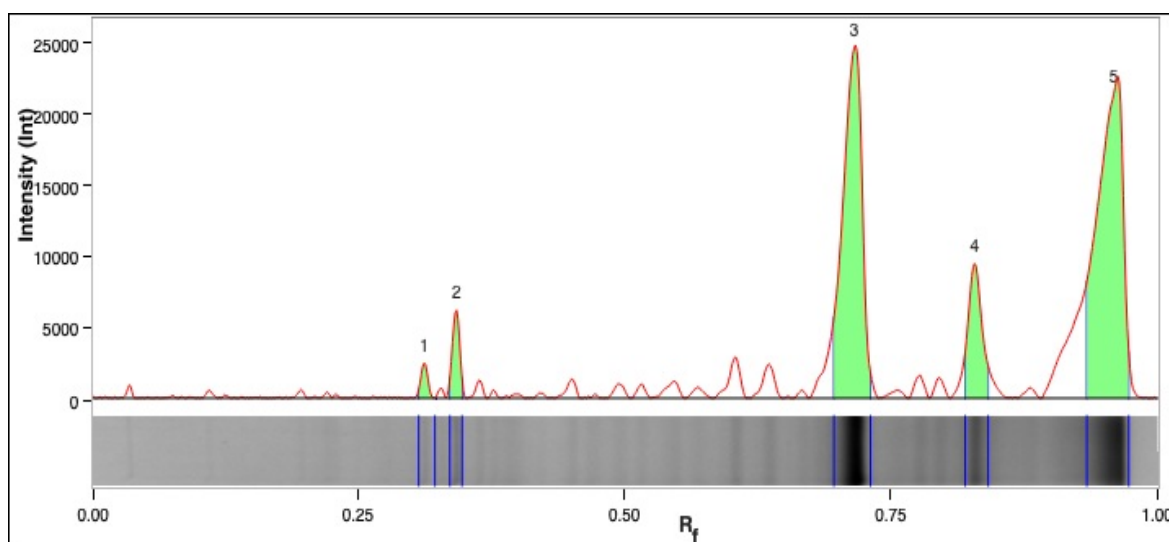
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		78,3	0,343	3.140.256	23.342.592	N/A	N/A	2,7	2,2
2		33,6	0,717	35.600.544	84.840.504	N/A	N/A	30,8	24,7
3		26,2	0,830	8.155.728	38.926.944	N/A	N/A	7,1	5,7
4		11,7	0,962	68.569.200	151.250.820	N/A	N/A	59,4	47,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

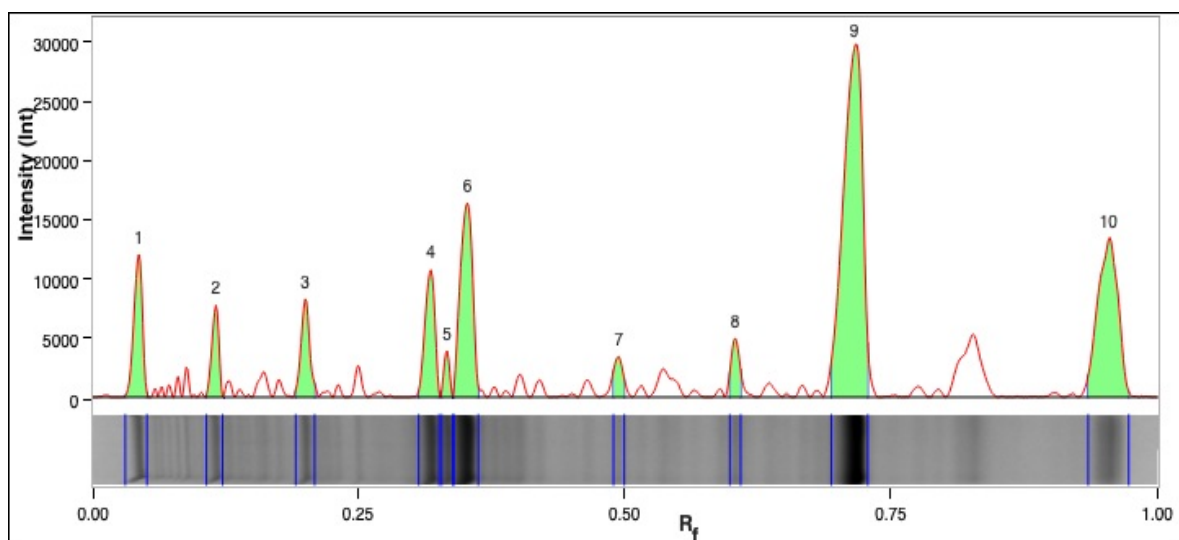
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		86,1	0,312	1.425.060	25.039.560	N/A	N/A	1,4	1,0
2		78,3	0,343	3.730.692	22.098.972	N/A	N/A	3,7	2,7
3		33,7	0,716	38.619.588	98.269.416	N/A	N/A	38,2	28,2
4		26,3	0,829	10.218.096	48.589.632	N/A	N/A	10,1	7,5
5		12,2	0,959	47.037.060	107.412.312	N/A	N/A	46,6	34,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

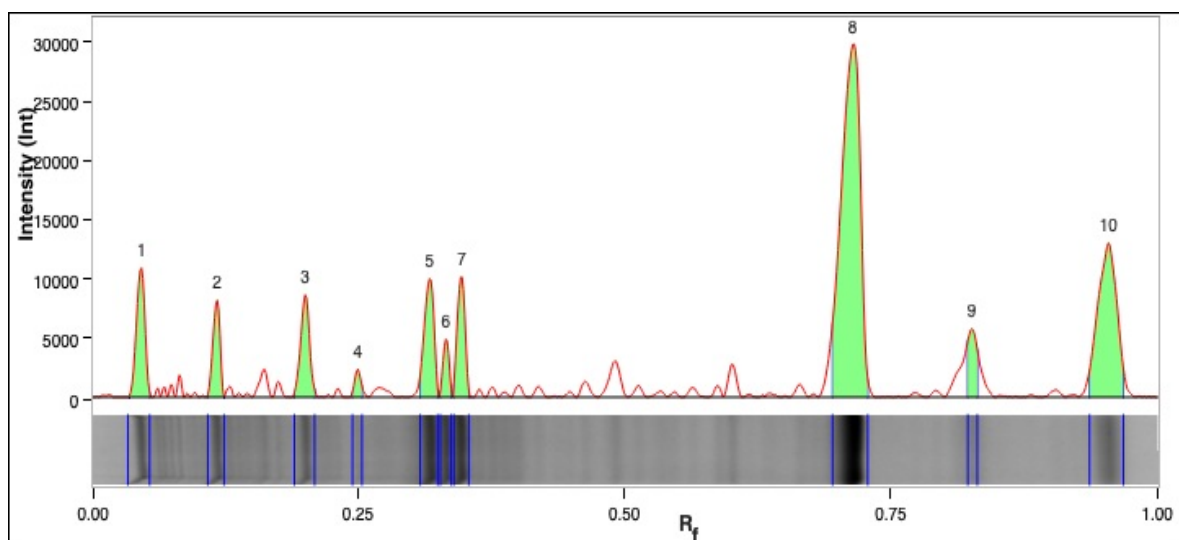
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,044	7.743.456	39.176.172	N/A	N/A	7,0	5,5
2		198,1	0,117	4.091.640	32.129.076	N/A	N/A	3,7	2,9
3		129,3	0,201	5.356.848	37.604.196	N/A	N/A	4,9	3,8
4		84,4	0,319	7.917.000	48.083.616	N/A	N/A	7,2	5,7
5		80,5	0,334	1.640.856	28.710.612	N/A	N/A	1,5	1,2
6		75,9	0,353	15.414.840	71.198.148	N/A	N/A	14,0	11,0
7		54,3	0,495	1.934.352	17.699.472	N/A	N/A	1,8	1,4
8		42,8	0,604	2.880.192	21.473.592	N/A	N/A	2,6	2,1
9		33,7	0,716	43.052.268	100.772.700	N/A	N/A	39,0	30,7
10		13,4	0,954	20.377.728	73.438.596	N/A	N/A	18,5	14,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

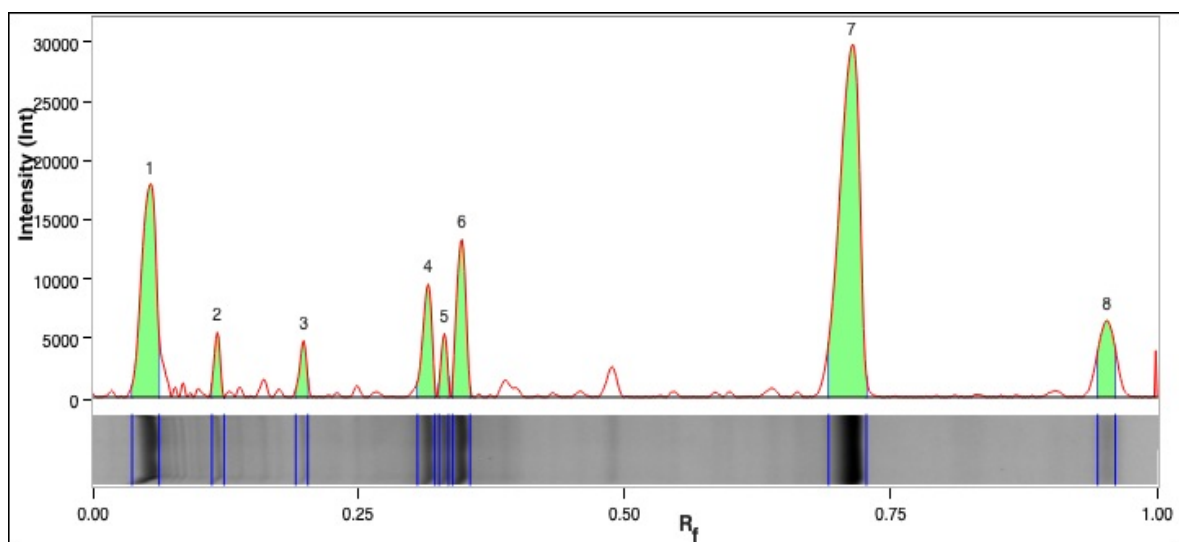
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,047	7.041.216	40.691.364	N/A	N/A	7,2	5,8
2		196,6	0,118	4.403.364	34.285.188	N/A	N/A	4,5	3,6
3		129,3	0,201	5.775.336	40.459.944	N/A	N/A	5,9	4,7
4		105,8	0,250	1.109.724	19.697.328	N/A	N/A	1,1	0,9
5		84,7	0,317	7.177.212	43.287.216	N/A	N/A	7,4	5,9
6		80,8	0,332	2.248.008	29.372.952	N/A	N/A	2,3	1,8
7		77,1	0,348	6.068.664	41.262.228	N/A	N/A	6,2	5,0
8		33,8	0,714	41.983.620	95.112.612	N/A	N/A	43,0	34,4
9		26,4	0,826	3.480.036	18.035.136	N/A	N/A	3,6	2,9
10		13,4	0,954	18.312.420	61.799.136	N/A	N/A	18,8	15,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

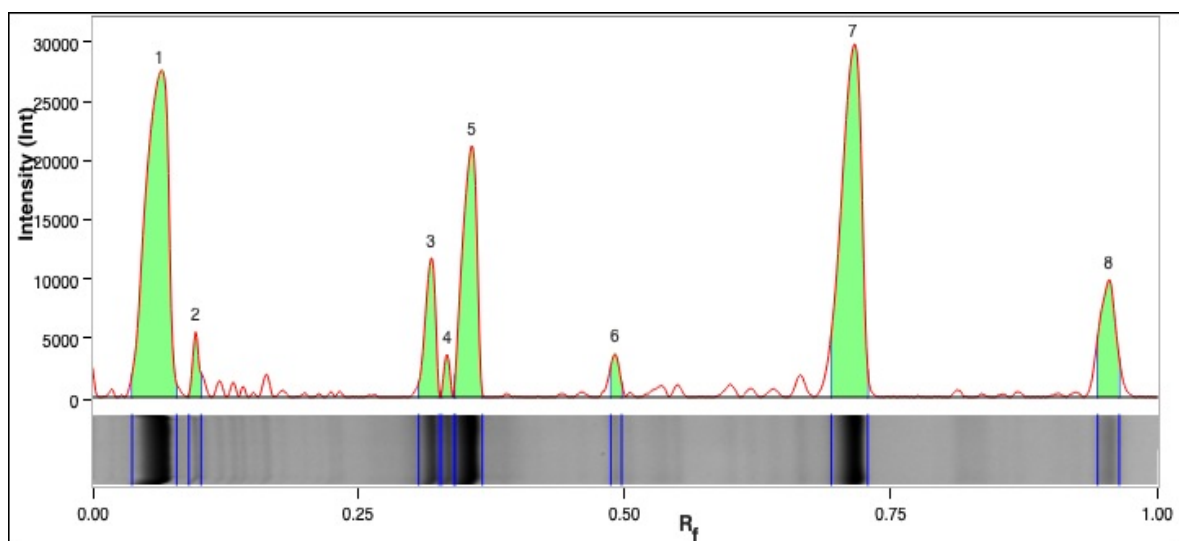
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	21.298.200	62.249.796	N/A	N/A	21,3	18,0
2		196,6	0,118	2.564.016	20.411.328	N/A	N/A	2,6	2,2
3		129,9	0,199	2.650.872	22.733.508	N/A	N/A	2,6	2,2
4		85,1	0,316	6.876.912	38.868.312	N/A	N/A	6,9	5,8
5		81,2	0,331	2.625.252	24.262.980	N/A	N/A	2,6	2,2
6		77,1	0,348	10.045.896	47.470.584	N/A	N/A	10,0	8,5
7		33,9	0,713	47.020.176	99.975.624	N/A	N/A	46,9	39,7
8		13,7	0,953	7.097.160	29.493.996	N/A	N/A	7,1	6,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

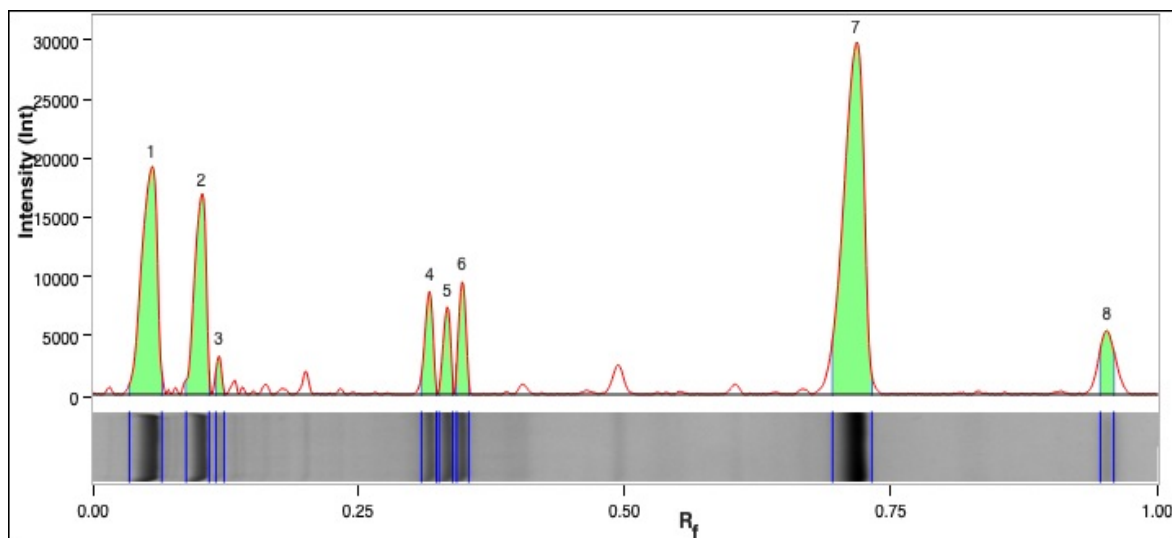
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,063	50.939.952	112.541.772	N/A	N/A	33,7	29,8
2		221,7	0,098	2.971.836	23.914.380	N/A	N/A	2,0	1,7
3		84,4	0,319	9.641.520	48.854.820	N/A	N/A	6,4	5,6
4		80,5	0,334	1.778.448	32.633.832	N/A	N/A	1,2	1,0
5		75,0	0,357	24.574.536	82.619.040	N/A	N/A	16,2	14,4
6		54,8	0,491	2.148.384	16.531.620	N/A	N/A	1,4	1,3
7		33,8	0,714	47.656.392	96.764.052	N/A	N/A	31,5	27,9
8		13,4	0,954	11.595.948	38.139.612	N/A	N/A	7,7	6,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

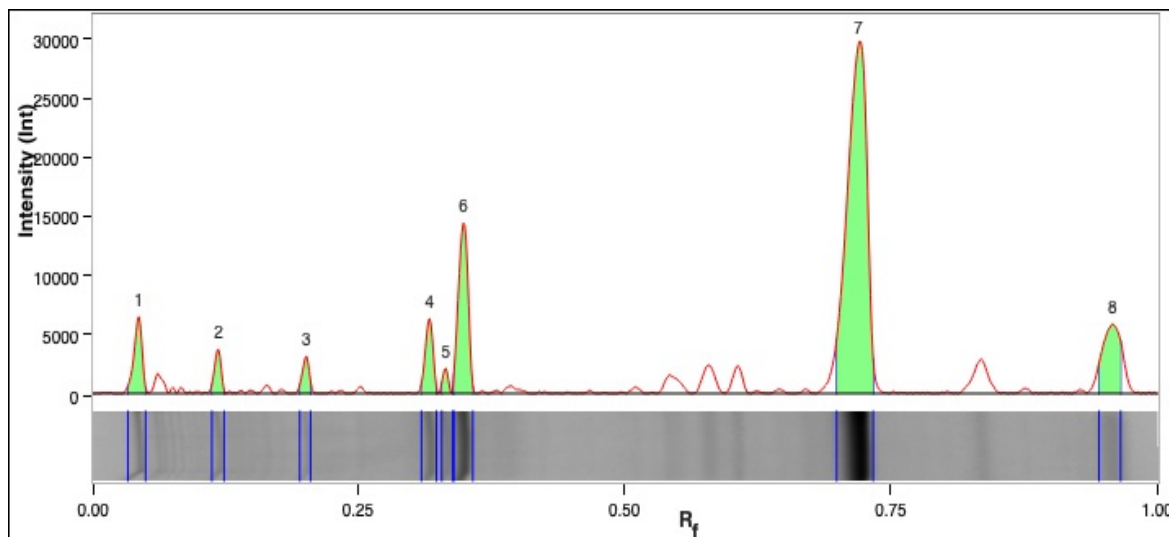
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,056	24.458.112	72.264.192	N/A	N/A	22,2	19,5
2		215,1	0,103	16.017.036	51.541.476	N/A	N/A	14,5	12,8
3		195,1	0,119	1.205.904	12.096.420	N/A	N/A	1,1	1,0
4		84,7	0,317	5.569.368	30.146.172	N/A	N/A	5,0	4,4
5		80,5	0,334	4.464.348	32.281.368	N/A	N/A	4,0	3,6
6		77,1	0,348	5.693.604	30.798.516	N/A	N/A	5,2	4,5
7		33,6	0,717	48.063.288	99.953.700	N/A	N/A	43,6	38,3
8		13,7	0,953	4.817.148	21.589.176	N/A	N/A	4,4	3,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

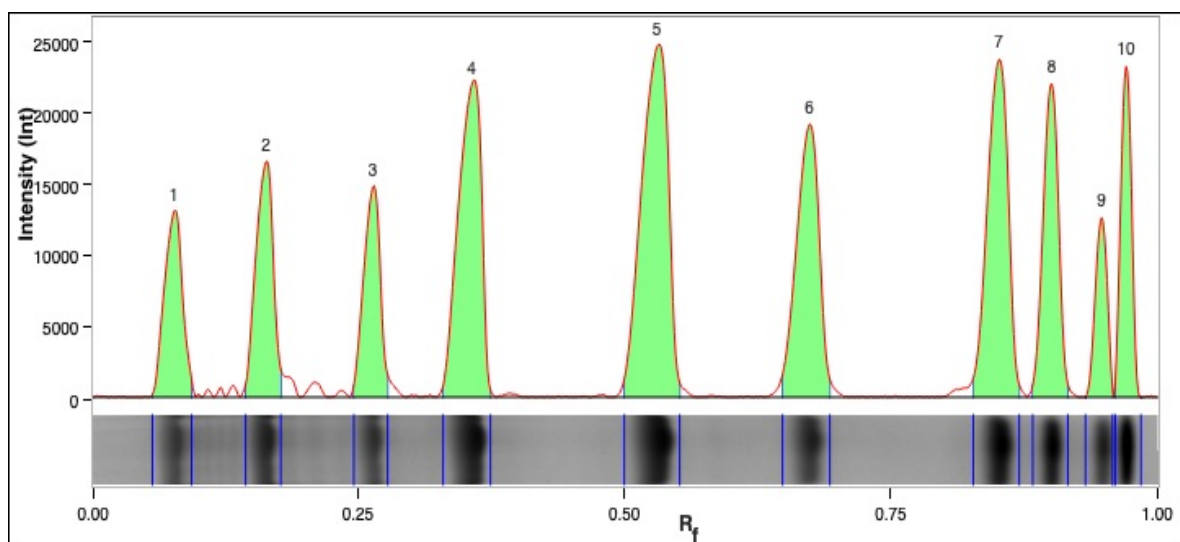
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,044	4.008.984	27.816.768	N/A	N/A	5,4	4,3
2		195,1	0,119	1.885.212	19.978.812	N/A	N/A	2,5	2,0
3		128,6	0,202	1.602.804	17.559.864	N/A	N/A	2,1	1,7
4		84,7	0,317	3.685.836	25.678.548	N/A	N/A	4,9	3,9
5		80,8	0,332	926.184	20.270.208	N/A	N/A	1,2	1,0
6		76,8	0,349	10.791.396	43.189.020	N/A	N/A	14,4	11,6
7		33,5	0,720	44.185.428	95.994.192	N/A	N/A	59,2	47,3
8		12,5	0,958	7.609.644	37.784.544	N/A	N/A	10,2	8,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 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	0,077	15.813.876	67.047.771	N/A	N/A	6,6	6,4
2		150,0	0,164	19.326.418	67.078.792	N/A	N/A	8,0	7,8
3		100,0	0,264	16.306.661	59.342.168	N/A	N/A	6,8	6,6
4		75,0	0,357	34.162.764	91.482.738	N/A	N/A	14,2	13,7
5		50,0	0,530	44.407.198	105.827.438	N/A	N/A	18,4	17,9
6		37,0	0,674	28.774.088	81.001.124	N/A	N/A	11,9	11,6
7		25,0	0,852	33.030.732	86.900.139	N/A	N/A	13,7	13,3
8		20,0	0,901	22.685.999	65.940.663	N/A	N/A	9,4	9,1
9		15,0	0,948	10.033.183	49.323.256	N/A	N/A	4,2	4,0
10		10,0	0,971	16.791.741	51.360.793	N/A	N/A	7,0	6,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.57 mm
Regression Equation	A single equation is not available for this method