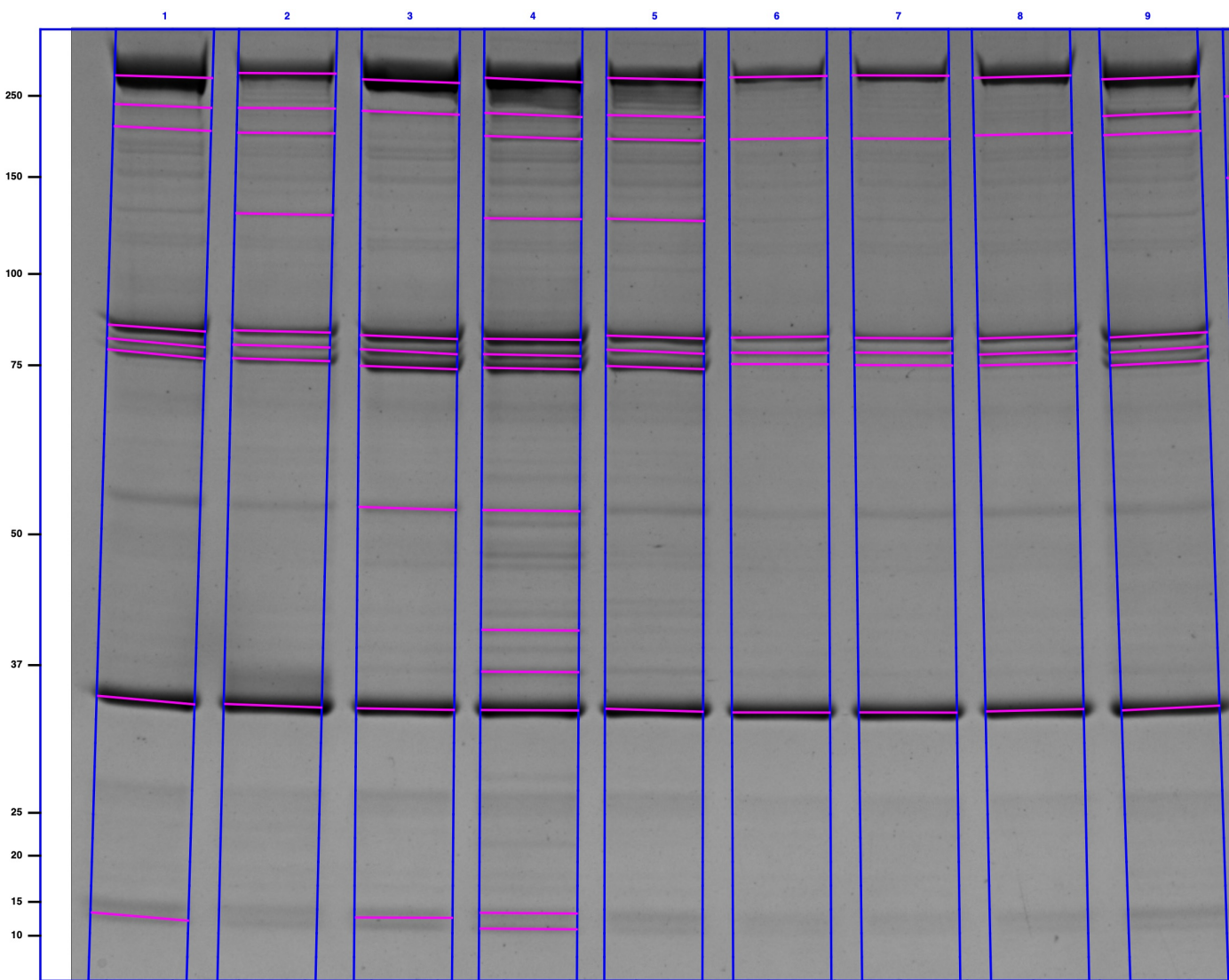


Image Report: polline 6settimana linea2bis



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 6/polline 6settimana
linea2bis.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	10.000 (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 11:37:16 AM
User Name	FisioLab
Image Area (mm)	X: 78.1 Y: 57.7
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	19792 - 57936

Analysis Settings

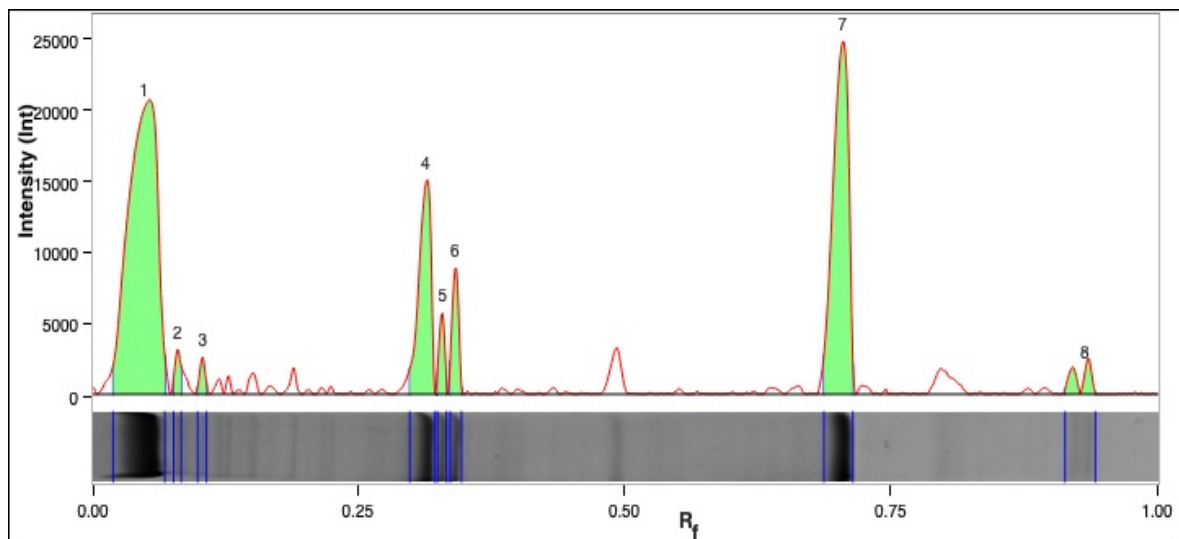
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus Standard lanes: last 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	115.806.483	468.237.480	133.393.446	2.031.557.271	1.898.163.825	N/A
2	77.427.738	332.380.281	94.045.347	1.965.626.670	1.871.581.323	N/A
3	126.828.165	483.028.872	143.811.000	2.001.518.520	1.857.707.520	N/A
4	124.204.071	586.737.048	153.323.928	2.098.849.683	1.945.525.755	N/A
5	83.771.778	389.789.928	103.054.023	2.024.169.579	1.921.115.556	N/A
6	60.880.425	263.354.133	72.471.957	1.929.306.780	1.856.834.823	N/A
7	62.841.231	278.308.998	73.375.278	1.931.437.758	1.858.062.480	N/A
8	73.866.393	292.084.230	88.501.881	1.940.151.417	1.851.649.536	N/A
9	88.616.025	376.928.196	104.253.666	2.002.308.654	1.898.054.988	N/A
10	225.083.950	788.663.750	230.530.160	1.819.305.250	1.588.775.090	N/A

Lane And Band Analysis

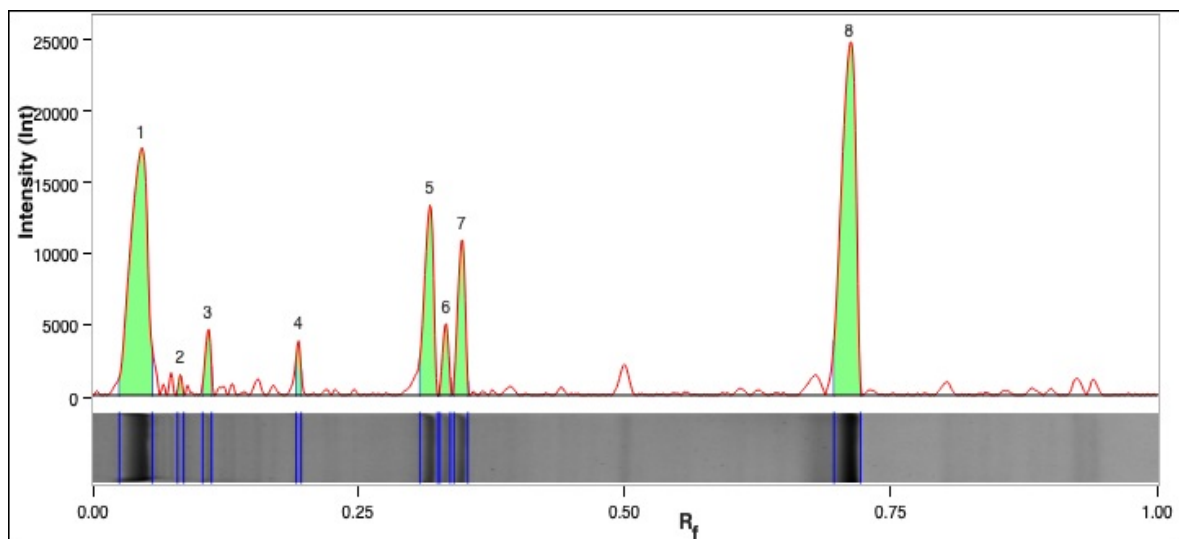
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,050	52.781.508	158.814.672	N/A	N/A	45,6	39,6
2		234,5	0,081	1.708.941	21.150.309	N/A	N/A	1,5	1,3
3		203,5	0,104	1.161.972	18.198.834	N/A	N/A	1,0	0,9
4		84,3	0,314	15.783.714	71.101.446	N/A	N/A	13,6	11,8
5		80,5	0,329	2.813.232	25.046.952	N/A	N/A	2,4	2,1
6		77,7	0,341	5.085.063	33.396.864	N/A	N/A	4,4	3,8
7		33,7	0,705	33.603.837	84.028.254	N/A	N/A	29,0	25,2
8		12,6	0,932	2.868.216	56.500.149	N/A	N/A	2,5	2,2

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

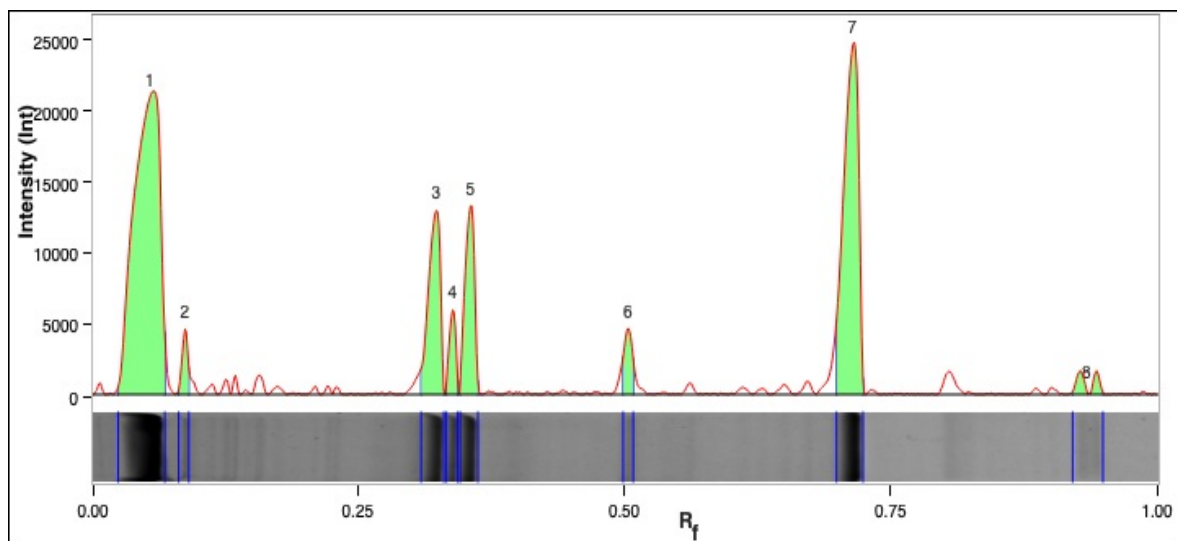
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,046	25.035.990	95.217.498	N/A	N/A	32,3	26,6
2		231,2	0,083	435.000	15.351.411	N/A	N/A	0,6	0,5
3		197,8	0,109	2.208.060	23.872.626	N/A	N/A	2,9	2,3
4		128,4	0,194	1.171.020	12.650.148	N/A	N/A	1,5	1,2
5		83,4	0,318	9.894.858	43.465.374	N/A	N/A	12,8	10,5
6		79,7	0,333	2.503.164	24.768.117	N/A	N/A	3,2	2,7
7		76,3	0,347	6.770.079	38.258.598	N/A	N/A	8,7	7,2
8		33,2	0,711	29.409.567	78.796.509	N/A	N/A	38,0	31,3

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

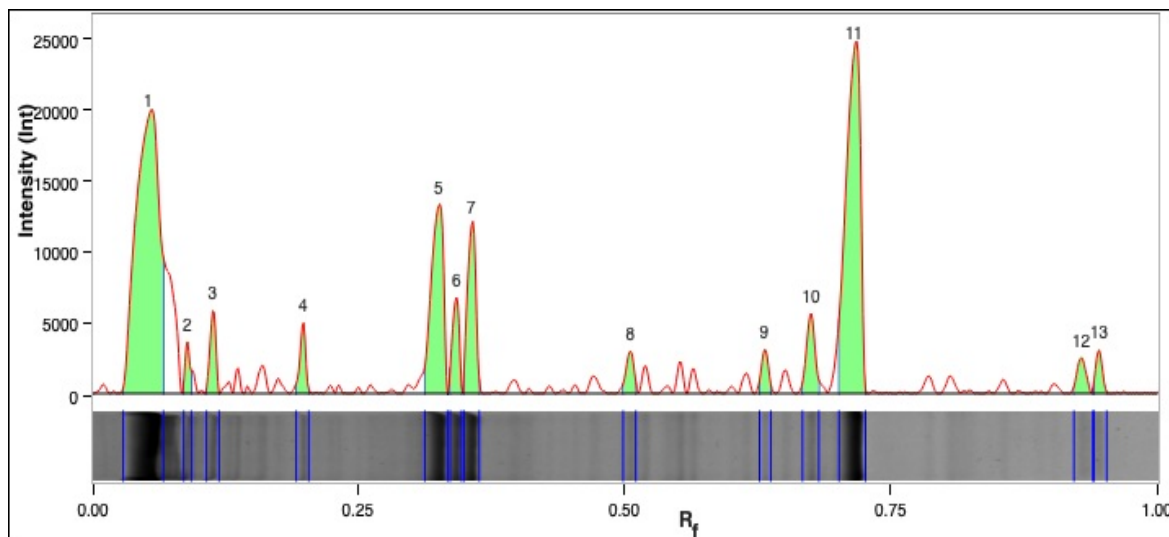
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	53.479.161	150.390.636	N/A	N/A	42,2	37,2
2		224,8	0,088	2.622.441	26.964.954	N/A	N/A	2,1	1,8
3		82,0	0,323	14.494.200	62.807.649	N/A	N/A	11,4	10,1
4		78,3	0,339	3.803.205	33.148.305	N/A	N/A	3,0	2,6
5		74,6	0,355	12.164.688	55.040.376	N/A	N/A	9,6	8,5
6		53,2	0,504	3.376.557	22.935.027	N/A	N/A	2,7	2,3
7		32,9	0,714	34.664.976	77.139.507	N/A	N/A	27,3	24,1
8		12,4	0,934	2.222.937	54.602.418	N/A	N/A	1,8	1,5

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

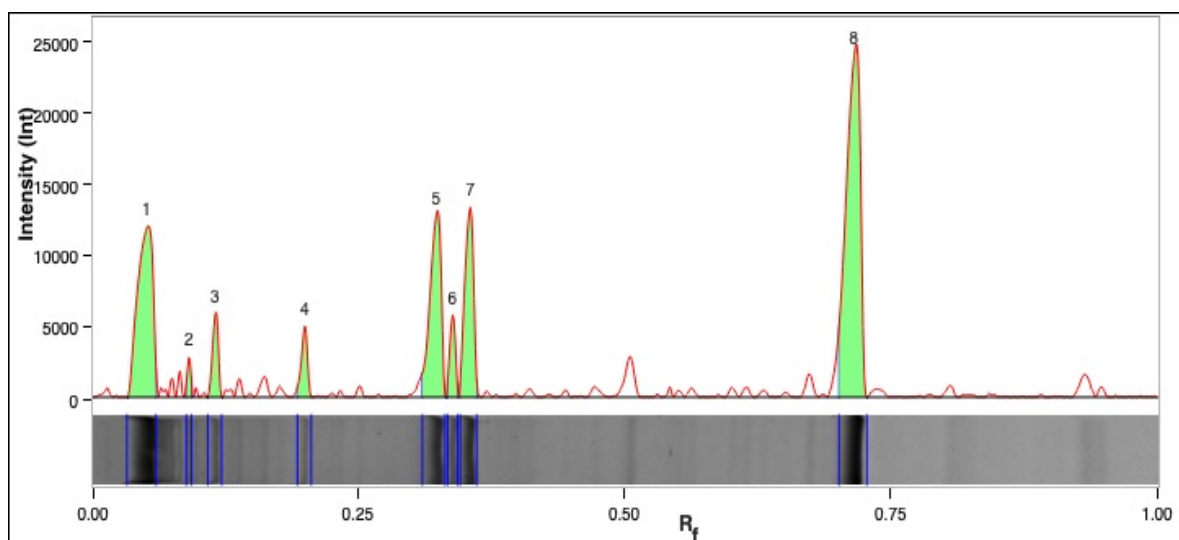
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	43.521.141	133.595.199	N/A	N/A	35,0	28,4
2		221,6	0,090	1.707.462	20.857.032	N/A	N/A	1,4	1,1
3		192,3	0,114	3.187.941	31.470.684	N/A	N/A	2,6	2,1
4		126,0	0,199	2.620.179	28.869.819	N/A	N/A	2,1	1,7
5		81,4	0,326	14.782.605	65.549.889	N/A	N/A	11,9	9,6
6		77,4	0,342	4.263.087	34.954.251	N/A	N/A	3,4	2,8
7		74,4	0,357	9.364.332	48.571.752	N/A	N/A	7,5	6,1
8		52,9	0,506	2.107.923	27.594.051	N/A	N/A	1,7	1,4
9		40,1	0,632	1.986.123	23.729.598	N/A	N/A	1,6	1,3
10		36,3	0,675	4.331.556	33.086.187	N/A	N/A	3,5	2,8
11		32,8	0,716	32.389.491	77.989.410	N/A	N/A	26,1	21,1
12		13,1	0,929	2.096.004	35.763.090	N/A	N/A	1,7	1,4
13		10,8	0,945	1.846.227	24.706.086	N/A	N/A	1,5	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

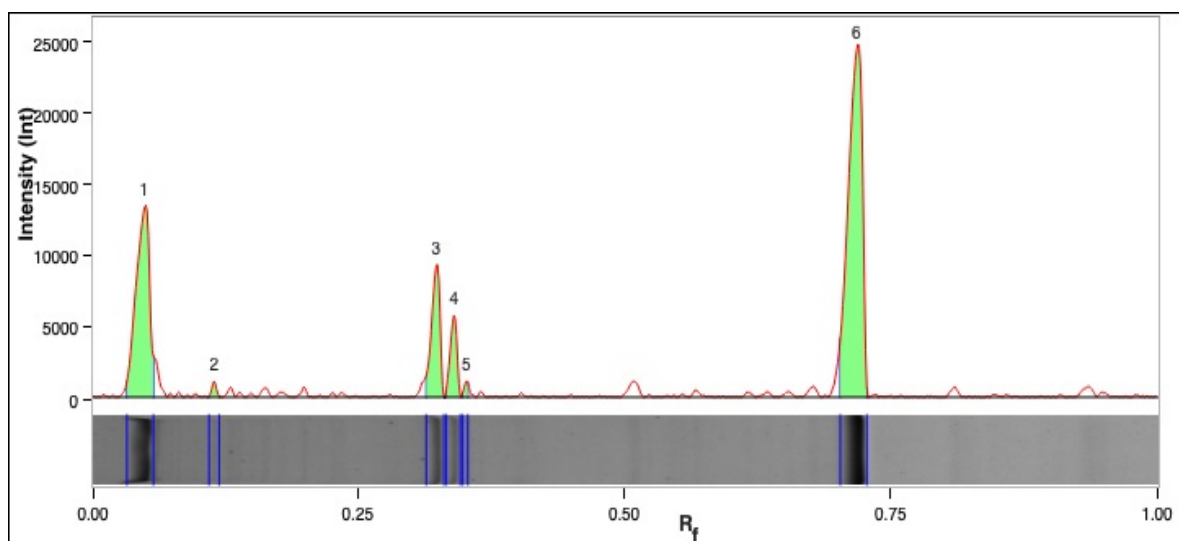
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	17.328.312	92.047.653	N/A	N/A	20,7	16,8
2		220,0	0,091	988.755	17.199.552	N/A	N/A	1,2	1,0
3		189,6	0,116	3.223.263	34.101.129	N/A	N/A	3,8	3,1
4		125,4	0,200	2.818.974	31.568.124	N/A	N/A	3,4	2,7
5		82,0	0,323	13.429.494	62.272.077	N/A	N/A	16,0	13,0
6		78,3	0,339	3.082.062	27.242.832	N/A	N/A	3,7	3,0
7		74,6	0,355	10.954.692	49.069.479	N/A	N/A	13,1	10,6
8		32,8	0,716	31.946.226	76.289.082	N/A	N/A	38,1	31,0

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

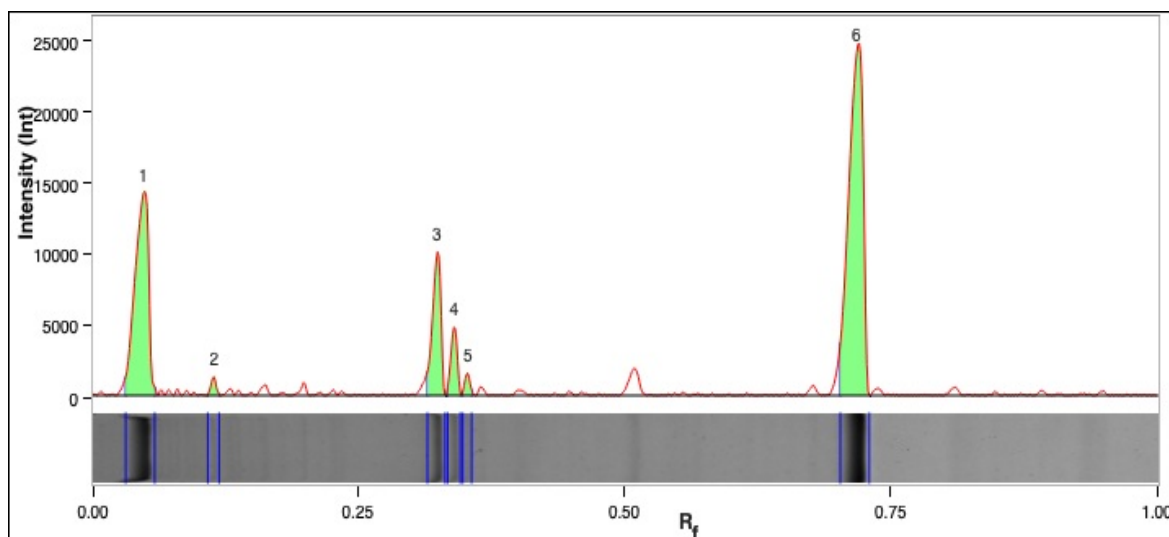
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,050	17.121.861	75.779.436	N/A	N/A	28,1	23,6
2		190,9	0,115	463.797	22.700.301	N/A	N/A	0,8	0,6
3		82,0	0,323	7.276.158	43.079.703	N/A	N/A	12,0	10,0
4		78,0	0,340	3.613.719	32.095.083	N/A	N/A	5,9	5,0
5		75,3	0,352	481.284	14.596.164	N/A	N/A	0,8	0,7
6		32,6	0,718	31.923.606	75.103.446	N/A	N/A	52,4	44,0

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

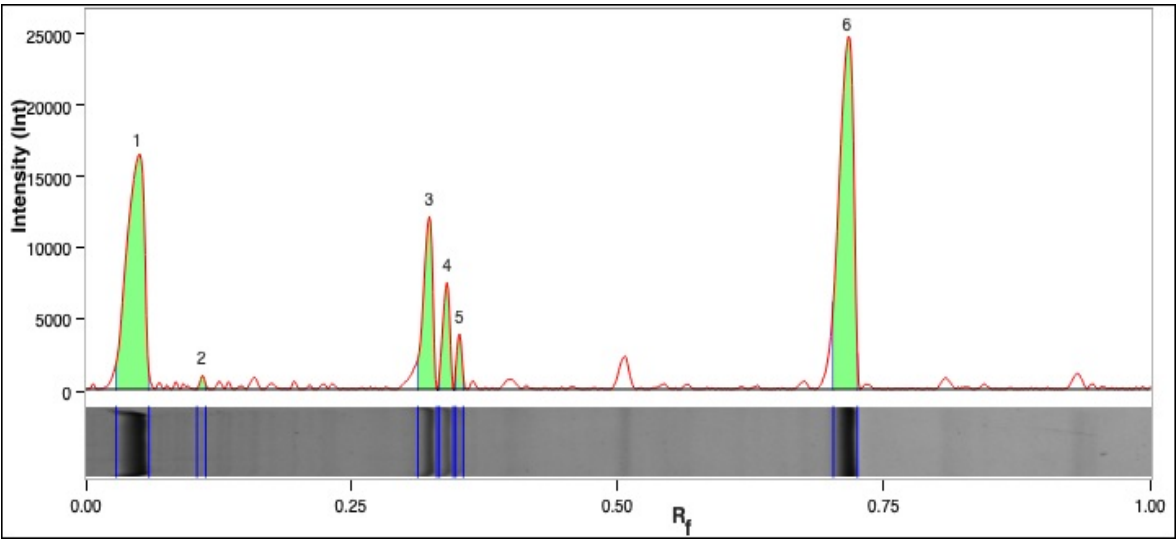
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	18.077.904	80.282.121	N/A	N/A	28,8	24,6
2		190,9	0,115	622.920	25.609.320	N/A	N/A	1,0	0,8
3		81,7	0,325	7.812.426	43.616.406	N/A	N/A	12,4	10,6
4		78,0	0,340	2.872.392	29.153.265	N/A	N/A	4,6	3,9
5		75,0	0,353	779.259	22.008.390	N/A	N/A	1,2	1,1
6		32,6	0,718	32.676.330	77.639.496	N/A	N/A	52,0	44,5

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

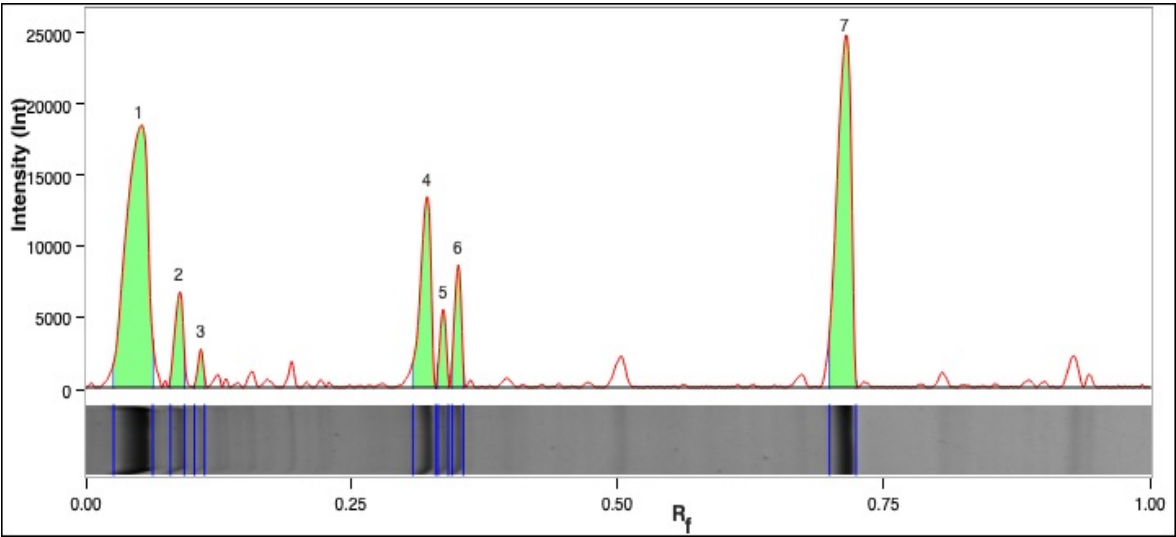
Lane 8



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	26.056.065	97.949.472	N/A	N/A	35,3	29,4
2		196,4	0,110	413.598	20.520.951	N/A	N/A	0,6	0,5
3		82,0	0,323	9.965.415	48.647.007	N/A	N/A	13,5	11,3
4		78,0	0,340	4.735.758	34.510.638	N/A	N/A	6,4	5,4
5		75,3	0,352	1.797.246	20.973.786	N/A	N/A	2,4	2,0
6		32,8	0,716	30.898.311	69.482.376	N/A	N/A	41,8	34,9

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

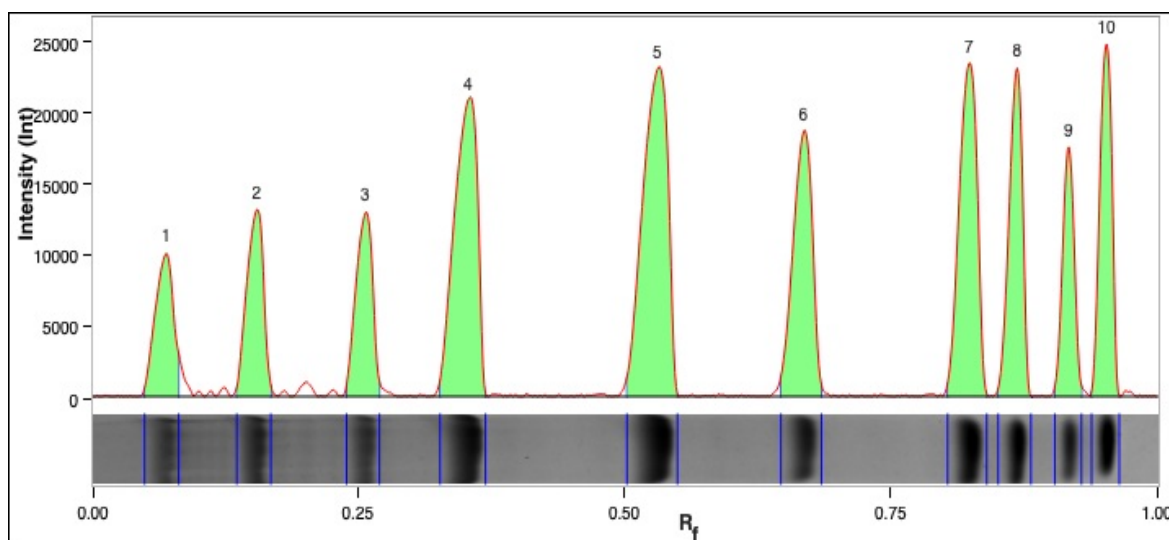
Lane 9



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	33.770.007	119.449.695	N/A	N/A	38,1	32,4
2		223,2	0,089	4.770.297	38.338.029	N/A	N/A	5,4	4,6
3		197,8	0,109	1.229.745	26.428.860	N/A	N/A	1,4	1,2
4		82,5	0,321	11.876.544	60.226.620	N/A	N/A	13,4	11,4
5		78,8	0,336	2.912.673	26.505.420	N/A	N/A	3,3	2,8
6		75,5	0,351	5.007.720	32.434.644	N/A	N/A	5,7	4,8
7		33,0	0,713	29.049.039	73.544.928	N/A	N/A	32,8	27,9

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 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	0,070	12.486.250	73.261.370	N/A	N/A	5,5	5,4
2		150,0	0,155	15.096.900	76.557.810	N/A	N/A	6,7	6,5
3		100,0	0,257	14.883.400	72.401.280	N/A	N/A	6,6	6,5
4		75,0	0,353	33.175.800	104.725.320	N/A	N/A	14,7	14,4
5		50,0	0,531	39.932.900	114.954.000	N/A	N/A	17,7	17,3
6		37,0	0,668	24.674.440	83.318.620	N/A	N/A	11,0	10,7
7		25,0	0,823	28.838.600	85.275.050	N/A	N/A	12,8	12,5
8		20,0	0,868	21.279.860	68.383.910	N/A	N/A	9,5	9,2
9		15,0	0,917	14.020.020	51.956.730	N/A	N/A	6,2	6,1
10		10,0	0,953	20.695.780	57.829.660	N/A	N/A	9,2	9,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.78 mm
Regression Equation	A single equation is not available for this method