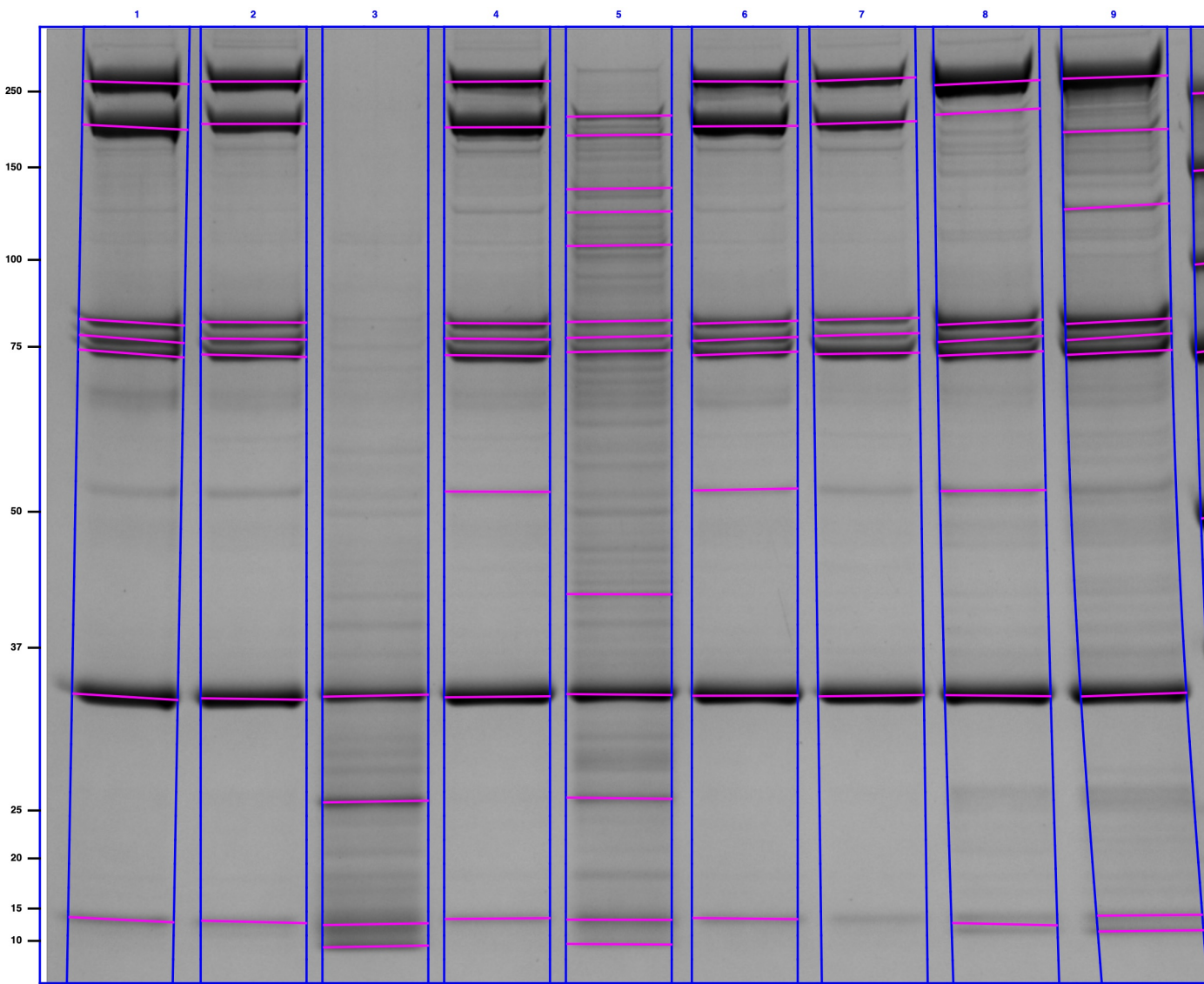


Image Report: 2grass(4sett) 2prom(4sett) 1a 1b 1c 1d 1e 1f 1g



**/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 5/2grass(4sett)
2prom(4sett) 1a 1b 1c 1d 1e 1f 1g .scn**

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.345 (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	9/8/2023 2:04:03 PM
User Name	FisioLab
Image Area (mm)	X: 79.2 Y: 58.6
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	16917 - 59615

Analysis Settings

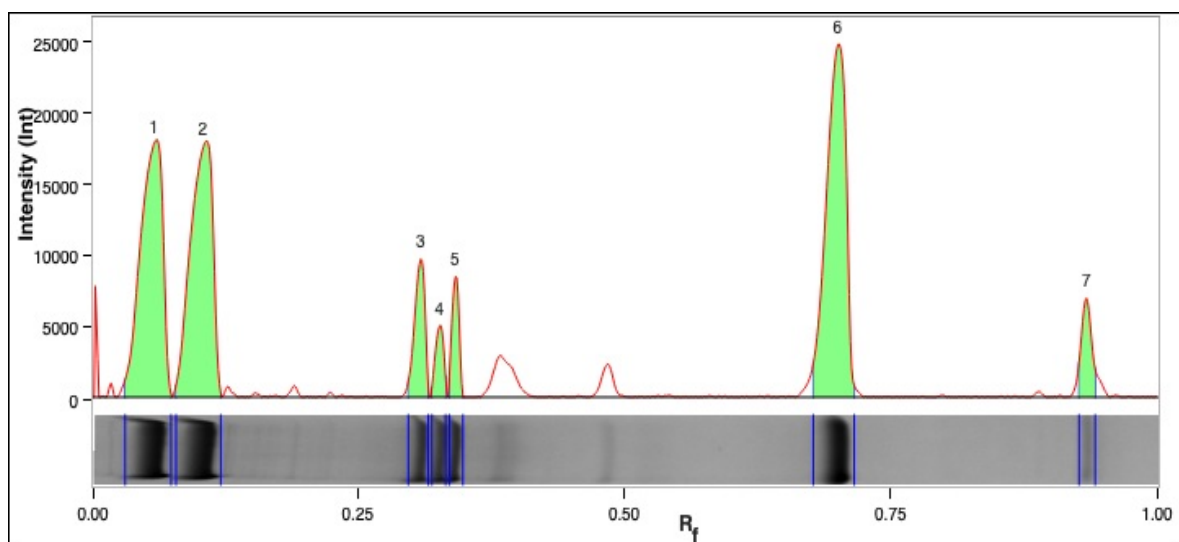
Detection	<p>Lane detection: Manually created lanes</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus 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	159.942.950	565.706.475	178.196.725	2.045.578.855	1.867.382.130	N/A
2	153.789.325	531.638.335	169.269.005	1.956.009.055	1.786.740.050	N/A
3	51.144.580	256.924.935	72.992.680	1.915.309.345	1.842.316.665	N/A
4	167.570.880	558.969.265	184.355.670	1.969.103.000	1.784.747.330	N/A
5	80.407.145	502.227.760	115.045.380	2.110.589.350	1.995.543.970	N/A
6	161.455.255	543.663.055	175.440.110	1.950.281.600	1.774.841.490	N/A
7	136.837.240	432.942.550	153.753.130	1.866.542.805	1.712.789.675	N/A
8	154.738.375	566.450.230	169.283.635	1.954.767.025	1.785.483.390	N/A
9	150.531.775	607.358.370	175.580.995	2.095.216.640	1.919.635.645	N/A
10	309.547.980	946.414.773	319.211.523	1.956.931.812	1.637.720.289	N/A

Lane And Band Analysis

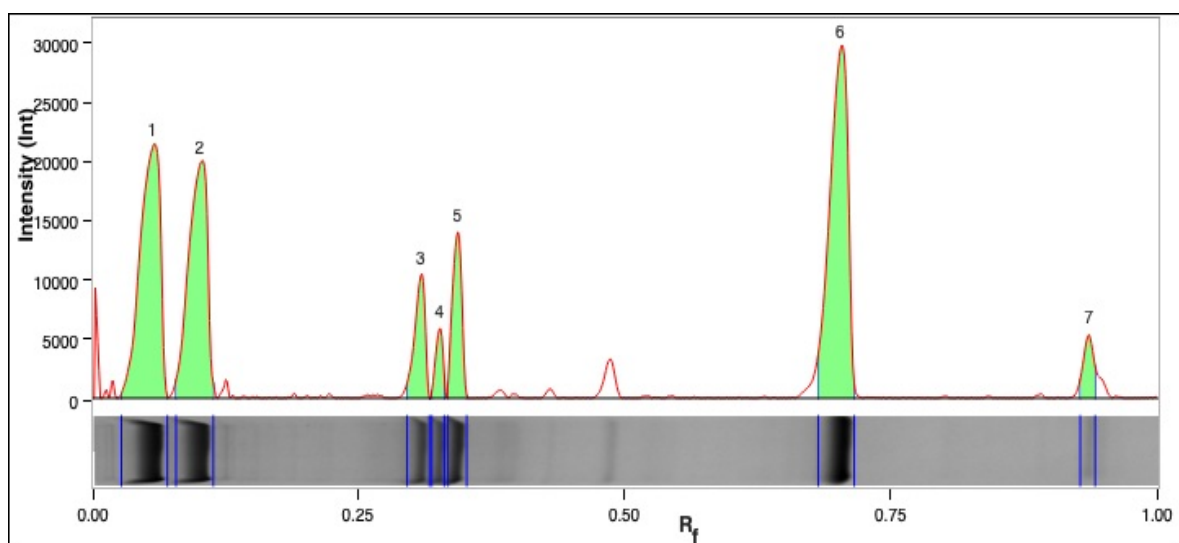
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,058	41.286.525	135.739.705	N/A	N/A	25,8	23,2
2		196,6	0,105	41.176.990	135.060.075	N/A	N/A	25,7	23,1
3		81,3	0,309	10.144.860	55.860.665	N/A	N/A	6,3	5,7
4		77,0	0,326	4.348.150	43.981.960	N/A	N/A	2,7	2,4
5		73,8	0,341	6.291.565	44.724.480	N/A	N/A	3,9	3,5
6		32,9	0,700	49.871.010	117.570.860	N/A	N/A	31,2	28,0
7		13,0	0,934	6.823.850	32.768.730	N/A	N/A	4,3	3,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

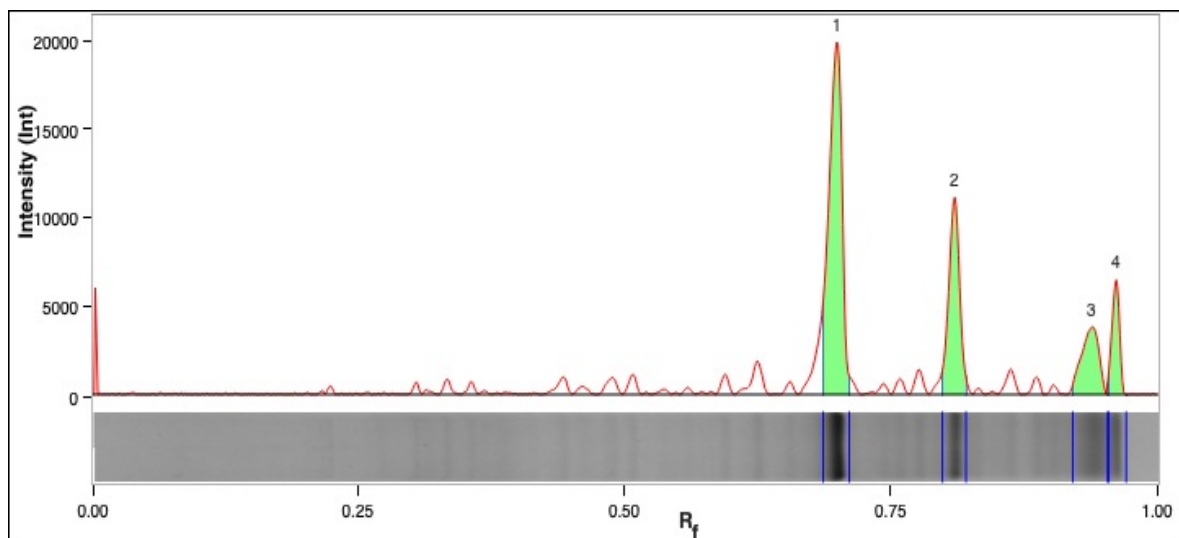
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,057	39.747.810	130.507.580	N/A	N/A	25,8	23,5
2		201,1	0,101	34.472.175	110.575.345	N/A	N/A	22,4	20,4
3		81,3	0,309	9.789.940	58.388.900	N/A	N/A	6,4	5,8
4		77,0	0,326	3.959.410	37.340.890	N/A	N/A	2,6	2,3
5		73,4	0,344	12.118.485	58.573.010	N/A	N/A	7,9	7,2
6		32,7	0,703	49.050.875	108.755.335	N/A	N/A	31,9	29,0
7		12,7	0,936	4.650.630	27.497.275	N/A	N/A	3,0	2,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

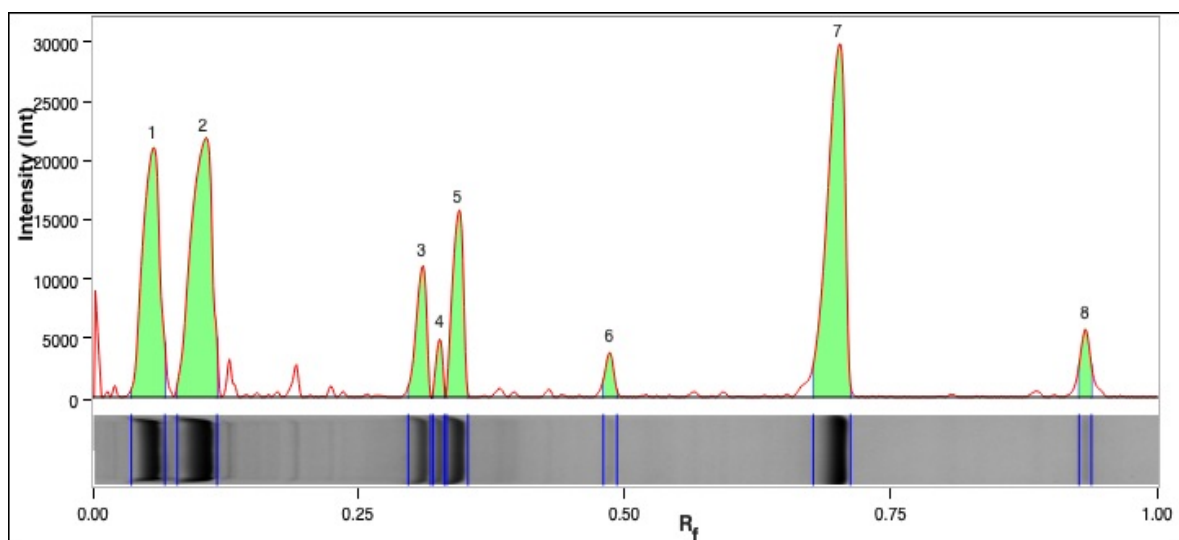
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		33,0	0,699	26.509.940	73.157.030	N/A	N/A	51,8	36,3
2		25,5	0,810	12.559.855	59.259.005	N/A	N/A	24,6	17,2
3		12,3	0,938	6.979.745	84.193.275	N/A	N/A	13,6	9,6
4		10,0	0,962	5.095.040	40.315.625	N/A	N/A	10,0	7,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

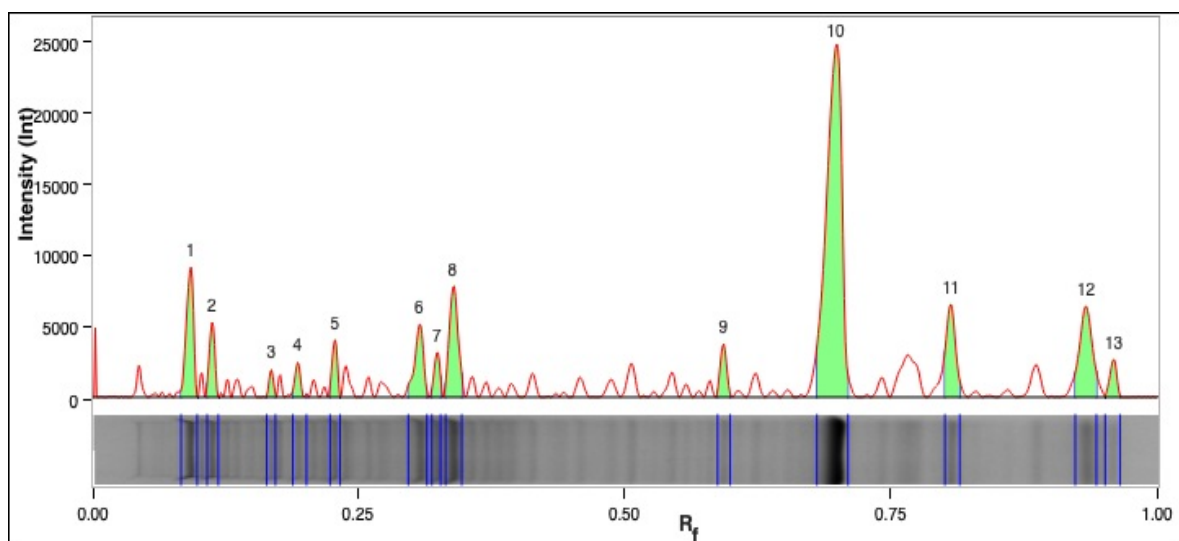
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,057	34.362.165	104.916.480	N/A	N/A	20,5	18,6
2		196,6	0,105	44.520.230	130.121.690	N/A	N/A	26,6	24,1
3		81,0	0,310	10.963.285	59.701.135	N/A	N/A	6,5	5,9
4		77,0	0,326	3.104.980	33.400.480	N/A	N/A	1,9	1,7
5		73,4	0,344	16.343.990	67.667.075	N/A	N/A	9,8	8,9
6		52,5	0,486	2.999.435	26.475.645	N/A	N/A	1,8	1,6
7		32,9	0,700	50.457.255	111.303.140	N/A	N/A	30,1	27,4
8		13,2	0,932	4.819.540	25.383.620	N/A	N/A	2,9	2,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

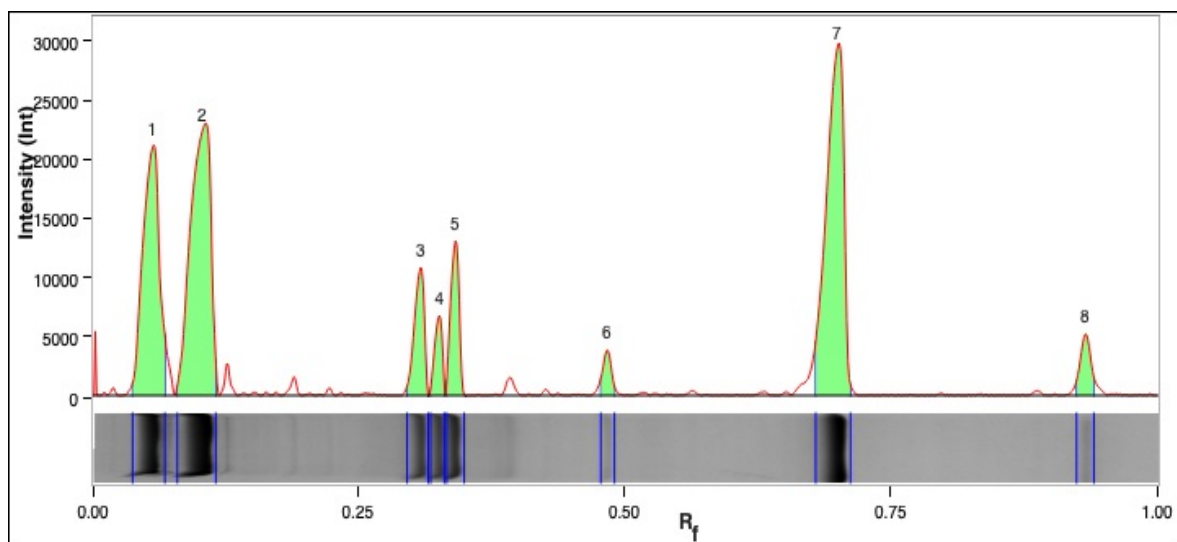
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		211,9	0,093	6.394.735	39.033.030	N/A	N/A	8,0	5,6
2		186,5	0,113	2.871.660	29.084.155	N/A	N/A	3,6	2,5
3		136,7	0,169	829.350	24.649.460	N/A	N/A	1,0	0,7
4		123,4	0,193	1.304.730	31.975.575	N/A	N/A	1,6	1,1
5		106,6	0,228	2.012.005	23.099.060	N/A	N/A	2,5	1,7
6		81,6	0,308	4.352.425	48.059.835	N/A	N/A	5,4	3,8
7		77,5	0,324	1.744.865	25.100.425	N/A	N/A	2,2	1,5
8		74,2	0,339	6.819.290	48.930.225	N/A	N/A	8,5	5,9
9		41,7	0,593	2.357.045	27.211.895	N/A	N/A	2,9	2,0
10		33,1	0,698	36.824.850	96.258.085	N/A	N/A	45,8	32,0
11		25,7	0,807	5.431.530	31.337.270	N/A	N/A	6,8	4,7
12		13,0	0,934	7.693.765	47.895.960	N/A	N/A	9,6	6,7
13		10,0	0,959	1.770.895	29.592.785	N/A	N/A	2,2	1,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

Lane 6

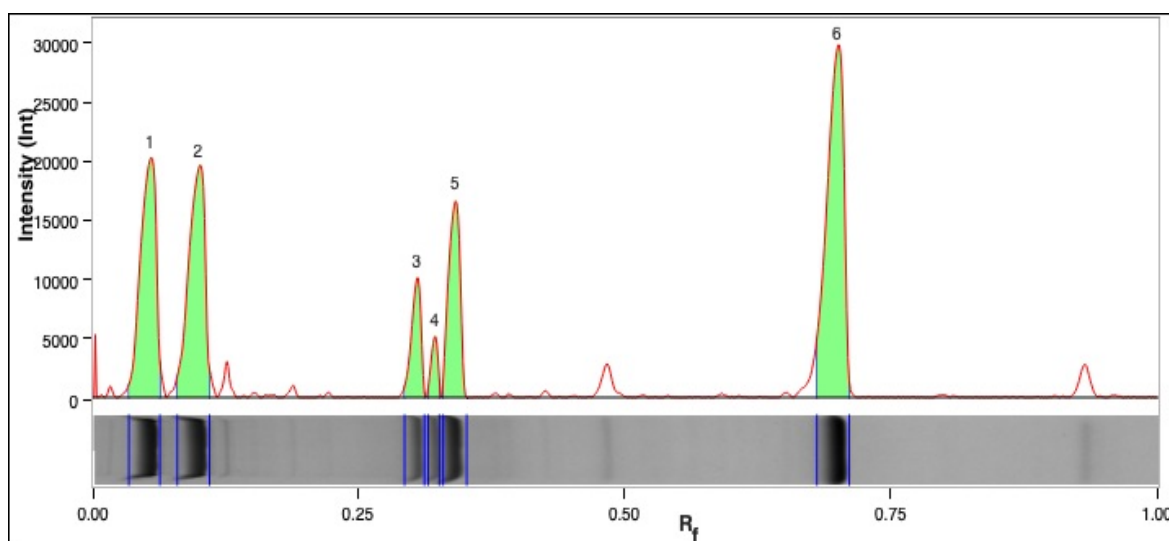


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,057	33.609.195	100.873.565	N/A	N/A	20,8	19,2
2		198,1	0,104	44.894.055	125.991.945	N/A	N/A	27,8	25,6
3		81,3	0,309	10.122.440	55.583.550	N/A	N/A	6,3	5,8
4		77,0	0,326	4.981.610	41.511.200	N/A	N/A	3,1	2,8

5		73,8	0,341	10.591.455	53.580.950	N/A	N/A	6,6	6,0
6		52,8	0,484	3.065.365	26.232.730	N/A	N/A	1,9	1,7
7		33,0	0,699	49.061.135	106.153.000	N/A	N/A	30,4	28,0
8		13,2	0,932	5.130.000	33.736.115	N/A	N/A	3,2	2,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

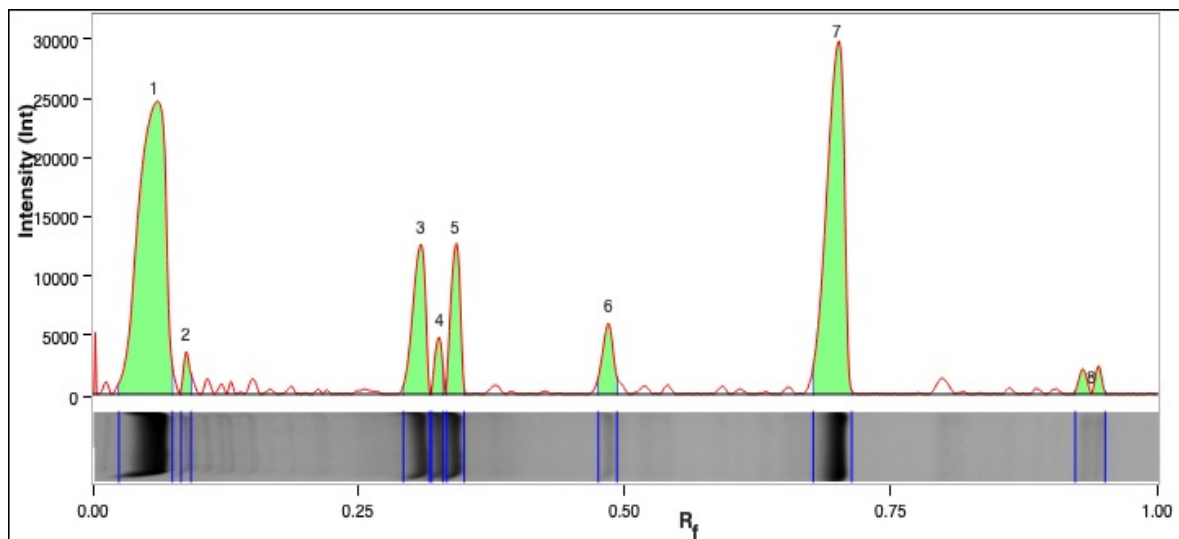
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	29.906.000	91.618.950	N/A	N/A	21,9	19,5
2		202,6	0,100	30.009.265	94.117.735	N/A	N/A	21,9	19,5
3		82,2	0,305	8.878.890	48.843.680	N/A	N/A	6,5	5,8
4		78,1	0,322	3.288.995	31.358.170	N/A	N/A	2,4	2,1
5		73,8	0,341	18.066.150	69.054.930	N/A	N/A	13,2	11,8
6		33,0	0,699	46.687.940	97.949.085	N/A	N/A	34,1	30,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

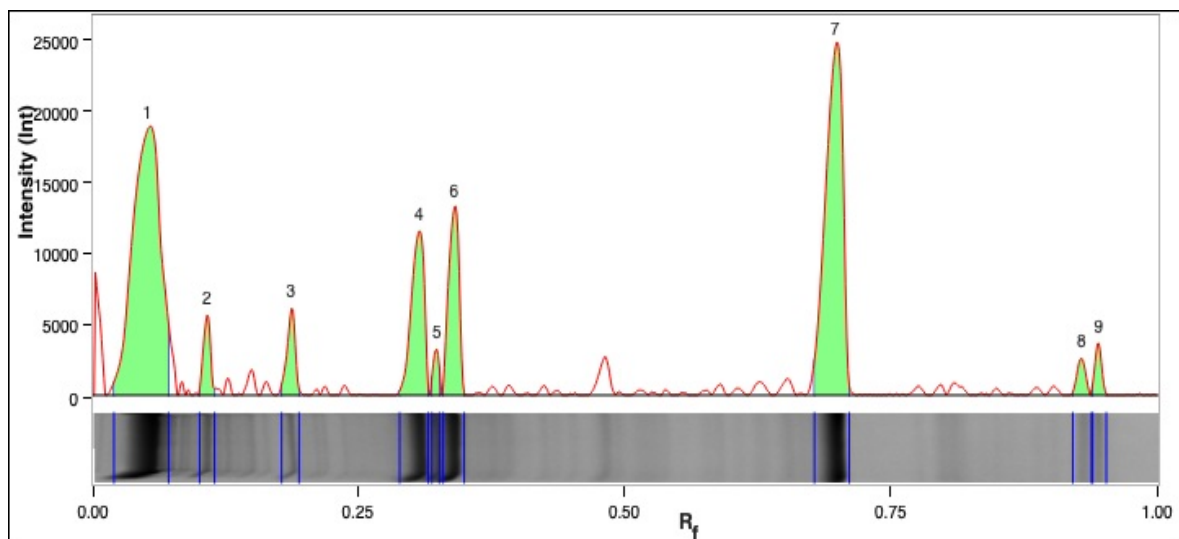
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,058	64.006.535	167.891.885	N/A	N/A	41,4	37,8
2		218,4	0,089	2.224.425	25.631.475	N/A	N/A	1,4	1,3
3		81,3	0,309	15.068.710	75.275.055	N/A	N/A	9,7	8,9
4		77,0	0,326	3.300.110	36.587.350	N/A	N/A	2,1	1,9
5		73,8	0,341	11.299.205	57.787.645	N/A	N/A	7,3	6,7
6		52,7	0,485	6.119.900	37.481.870	N/A	N/A	4,0	3,6
7		33,0	0,699	49.653.270	111.064.215	N/A	N/A	32,1	29,3
8		12,3	0,938	3.066.220	54.730.735	N/A	N/A	2,0	1,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

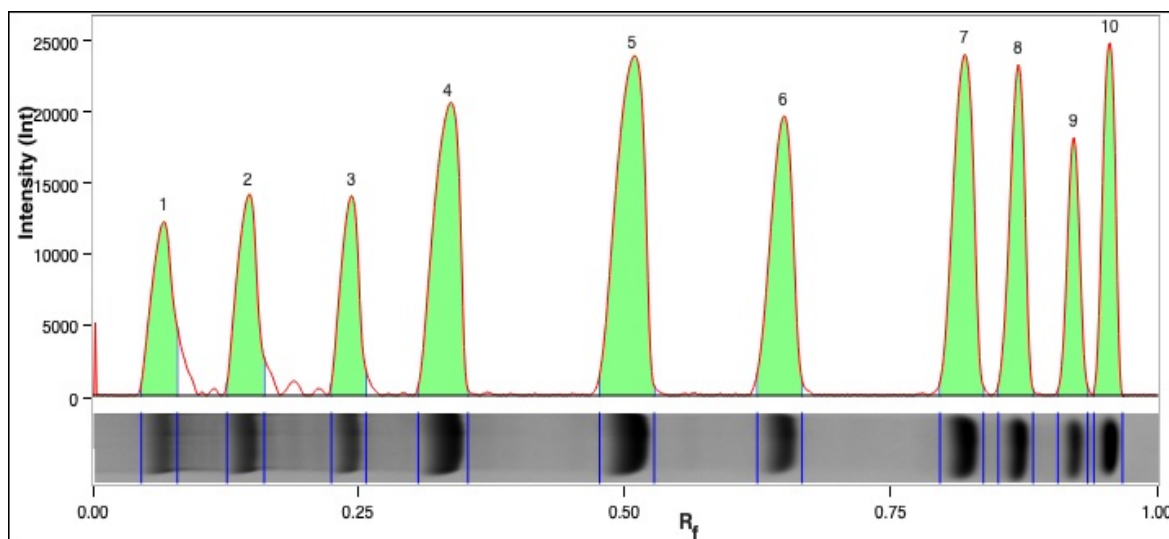
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	56.776.085	172.150.640	N/A	N/A	37,7	32,3
2		192,2	0,108	4.349.860	38.506.160	N/A	N/A	2,9	2,5
3		126,4	0,188	5.324.655	39.233.955	N/A	N/A	3,5	3,0
4		81,6	0,308	16.060.985	85.343.250	N/A	N/A	10,7	9,1
5		77,5	0,324	1.989.965	26.503.195	N/A	N/A	1,3	1,1
6		74,0	0,340	15.083.625	72.597.480	N/A	N/A	10,0	8,6
7		33,1	0,698	45.918.250	106.827.500	N/A	N/A	30,5	26,2
8		13,8	0,929	2.397.990	37.674.530	N/A	N/A	1,6	1,4
9		11,3	0,945	2.630.360	28.521.660	N/A	N/A	1,7	1,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 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	0,068	20.372.796	83.555.874	N/A	N/A	6,6	6,4
2		150,0	0,147	22.711.428	91.377.558	N/A	N/A	7,3	7,1
3		100,0	0,244	20.527.263	81.377.622	N/A	N/A	6,6	6,4
4		75,0	0,334	42.872.166	126.364.131	N/A	N/A	13,8	13,4
5		50,0	0,507	55.200.447	136.836.945	N/A	N/A	17,8	17,3
6		37,0	0,649	35.522.064	101.261.745	N/A	N/A	11,5	11,1
7		25,0	0,819	39.914.046	106.656.750	N/A	N/A	12,9	12,5
8		20,0	0,869	28.461.132	82.928.691	N/A	N/A	9,2	8,9

9		15,0	0,922	18.348.120	66.857.481	N/A	N/A	5,9	5,7
10		10,0	0,956	25.618.518	69.197.976	N/A	N/A	8,3	8,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.53 mm
Regression Equation	A single equation is not available for this method