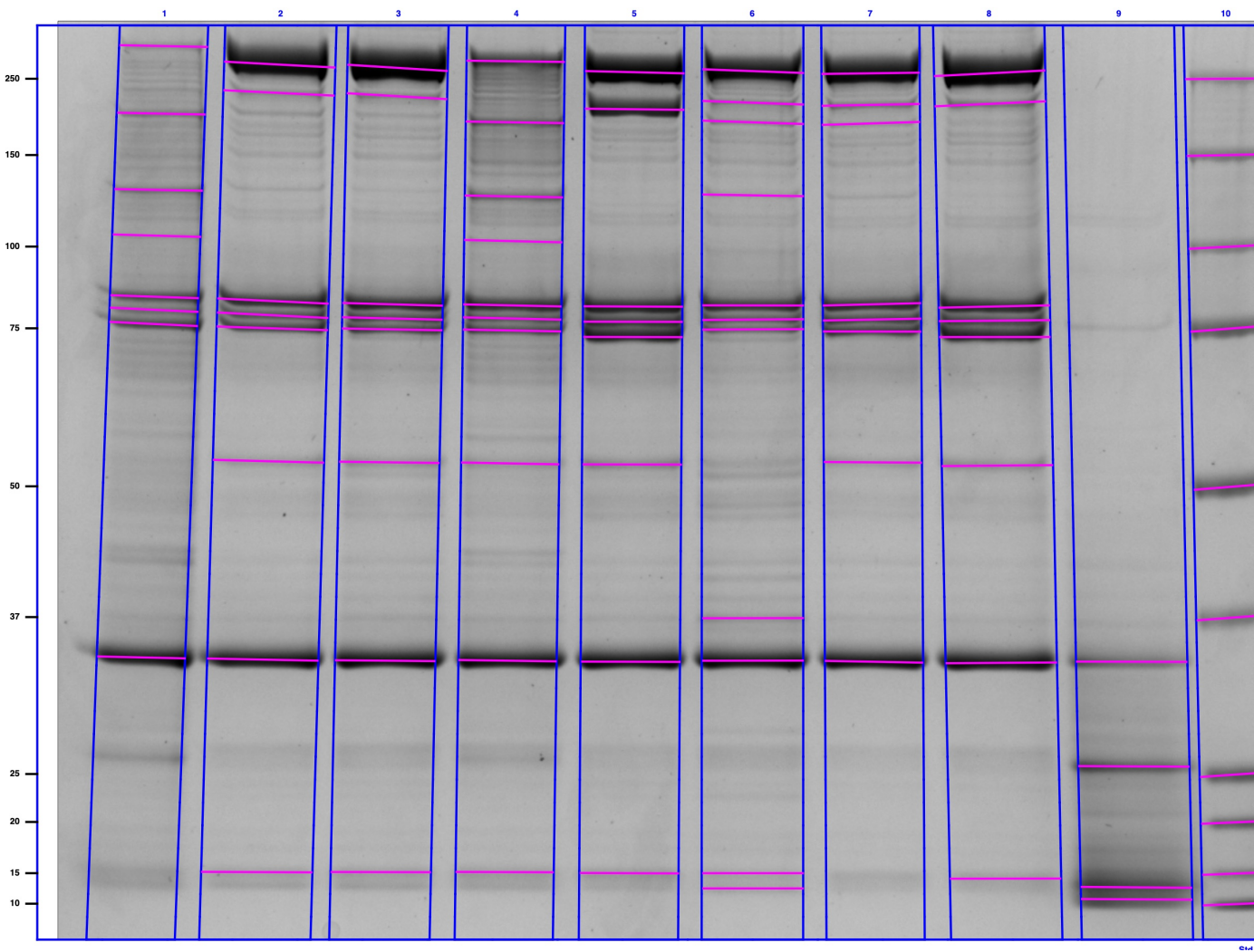


Image Report: linea2



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 2 7-07/linea2.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.418 (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	20/7/2023 12:45:50 PM
User Name	FisioLab
Image Area (mm)	X: 78.5 Y: 57.5
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	11806 - 58093

Analysis Settings

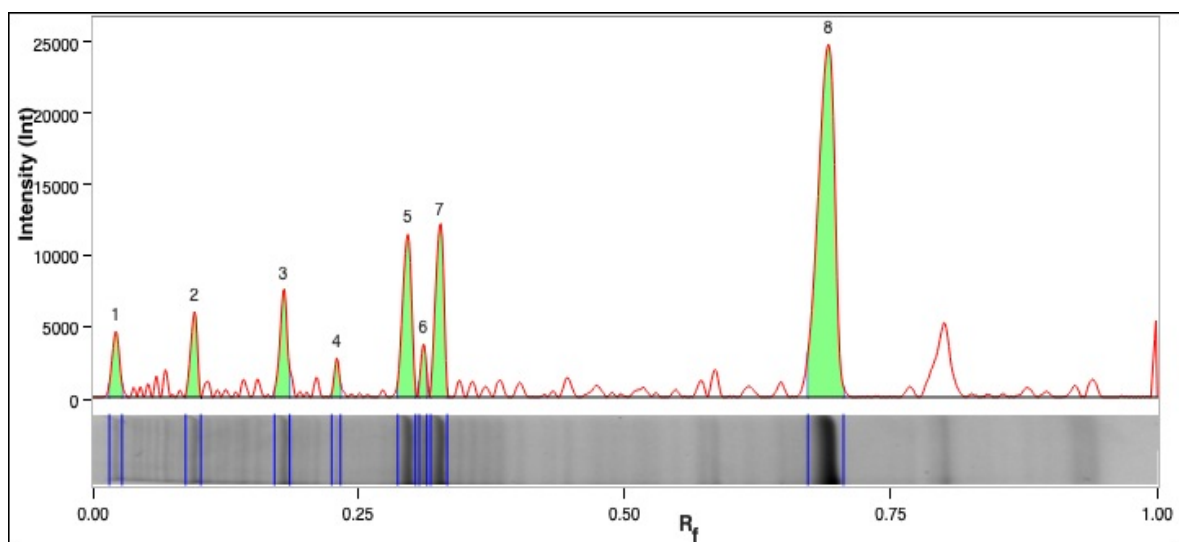
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight 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	64.831.995	257.604.948	91.654.902	1.420.538.877	1.328.883.975	N/A
2	158.790.234	464.698.638	186.027.804	1.685.327.640	1.499.299.836	N/A
3	157.653.040	450.104.296	178.792.248	1.575.832.672	1.397.040.424	N/A
4	99.431.820	417.639.150	122.269.680	1.611.668.070	1.489.398.390	N/A
5	179.934.300	518.269.388	200.150.769	1.653.096.354	1.452.945.585	N/A
6	131.729.199	464.604.750	157.964.220	1.607.468.172	1.449.503.952	N/A
7	139.930.920	407.036.250	167.288.670	1.497.434.580	1.330.145.910	N/A
8	175.406.442	532.573.620	192.590.688	1.761.393.426	1.568.802.738	N/A
9	73.325.352	237.415.812	91.274.598	1.593.991.434	1.502.716.836	N/A
10	116.812.323	427.045.007	121.859.159	1.235.851.273	1.113.992.114	N/A

Lane And Band Analysis

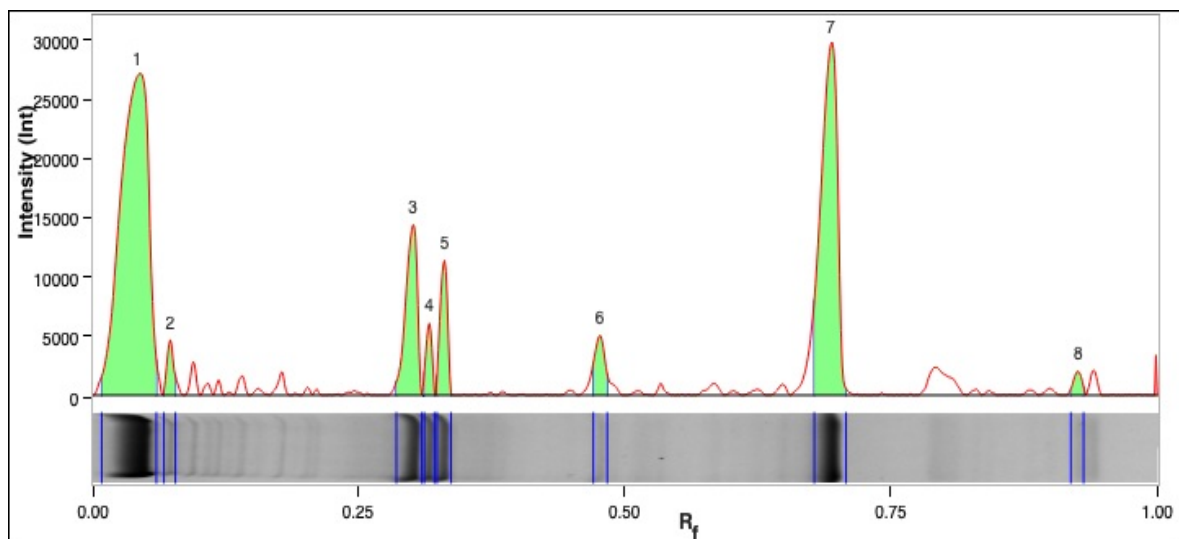
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,023	2.733.426	17.914.851	N/A	N/A	4,2	3,0
2		197,9	0,097	3.356.883	26.051.787	N/A	N/A	5,2	3,7
3		128,5	0,180	4.793.904	28.805.544	N/A	N/A	7,4	5,2
4		104,9	0,230	1.156.113	14.289.129	N/A	N/A	1,8	1,3
5		83,8	0,297	8.426.268	36.371.997	N/A	N/A	13,0	9,2
6		80,1	0,311	1.646.892	16.720.587	N/A	N/A	2,5	1,8
7		76,2	0,327	8.504.757	38.446.002	N/A	N/A	13,1	9,3
8		33,5	0,691	34.213.752	79.005.051	N/A	N/A	52,8	37,3

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

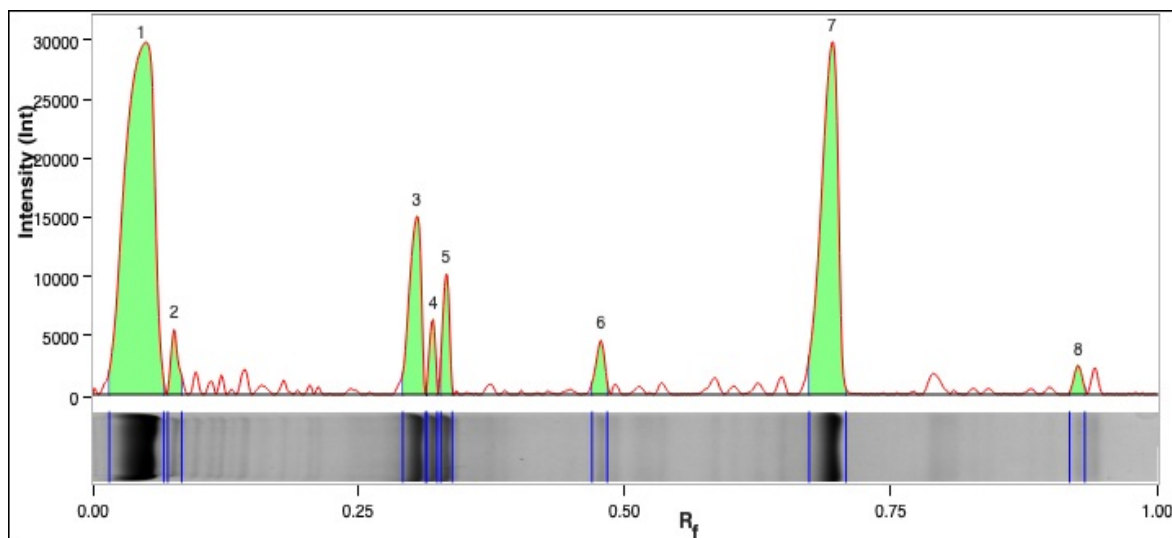
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,043	75.121.878	161.222.832	N/A	N/A	47,3	40,4
2		227,4	0,074	3.077.646	25.166.562	N/A	N/A	1,9	1,7
3		82,5	0,302	16.104.780	69.370.914	N/A	N/A	10,1	8,7
4		78,5	0,317	3.591.726	30.508.098	N/A	N/A	2,3	1,9
5		75,0	0,331	8.318.406	41.462.796	N/A	N/A	5,2	4,5
6		53,3	0,477	4.499.730	22.781.598	N/A	N/A	2,8	2,4
7		33,3	0,694	46.427.238	91.235.634	N/A	N/A	29,2	25,0
8		15,1	0,926	1.648.830	22.950.204	N/A	N/A	1,0	0,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

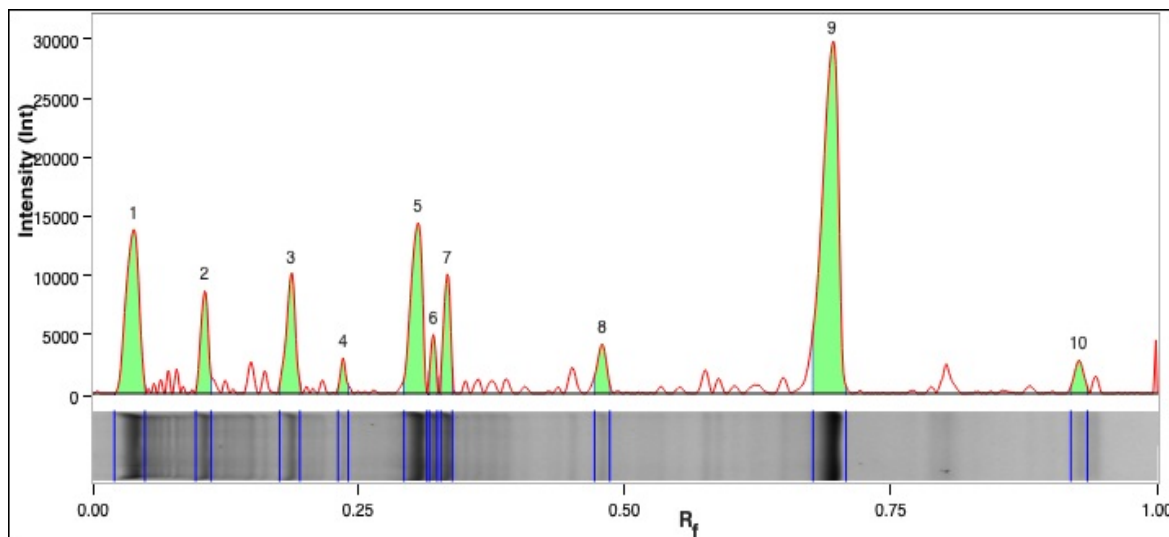
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,046	78.362.196	155.690.772	N/A	N/A	49,7	43,8
2		222,4	0,077	3.667.028	27.666.884	N/A	N/A	2,3	2,1
3		81,6	0,305	15.726.572	61.654.076	N/A	N/A	10,0	8,8
4		77,6	0,321	3.478.612	28.854.328	N/A	N/A	2,2	1,9
5		74,8	0,333	6.163.264	32.965.992	N/A	N/A	3,9	3,4
6		53,2	0,478	3.612.012	25.116.828	N/A	N/A	2,3	2,0
7		33,2	0,695	44.802.068	93.581.572	N/A	N/A	28,4	25,1
8		15,1	0,926	1.841.288	24.573.844	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	6.28 mm
Regression Equation	A single equation is not available for this method

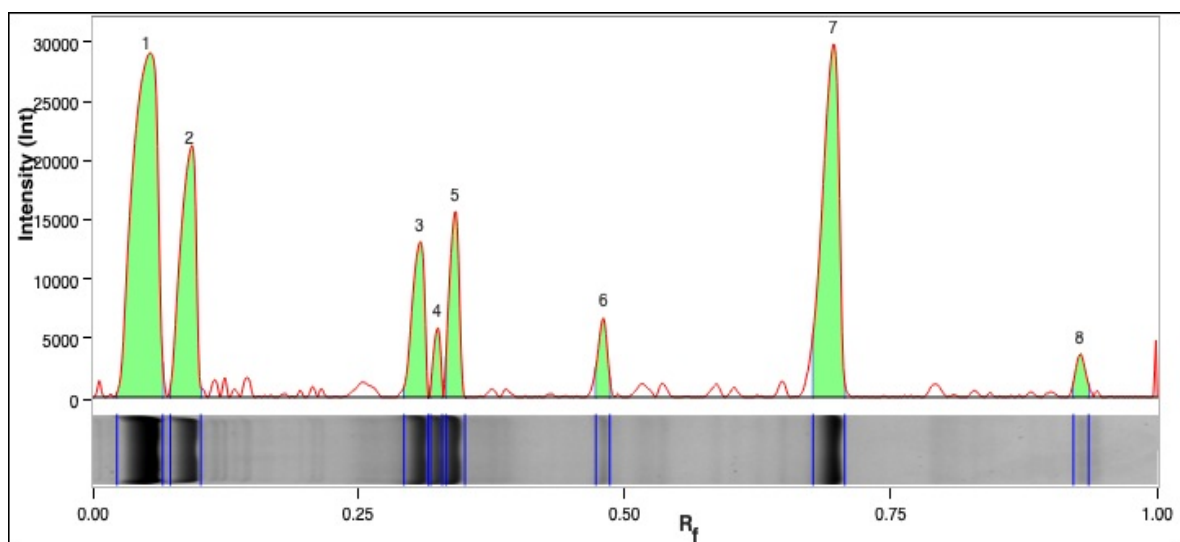
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,039	15.683.040	71.188.110	N/A	N/A	15,8	12,8
2		186,7	0,106	5.806.530	37.711.800	N/A	N/A	5,8	4,7
3		124,9	0,187	8.037.540	40.534.020	N/A	N/A	8,1	6,6
4		102,4	0,236	1.458.810	19.417.410	N/A	N/A	1,5	1,2
5		81,3	0,306	14.108.130	59.501.160	N/A	N/A	14,2	11,5
6		77,6	0,321	2.241.990	21.408.210	N/A	N/A	2,3	1,8
7		74,6	0,334	6.011.100	32.540.670	N/A	N/A	6,0	4,9
8		53,0	0,479	3.310.470	24.714.900	N/A	N/A	3,3	2,7
9		33,2	0,695	40.487.940	83.962.620	N/A	N/A	40,7	33,1
10		15,1	0,926	2.286.270	26.660.250	N/A	N/A	2,3	1,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.14 mm
Regression Equation	A single equation is not available for this method

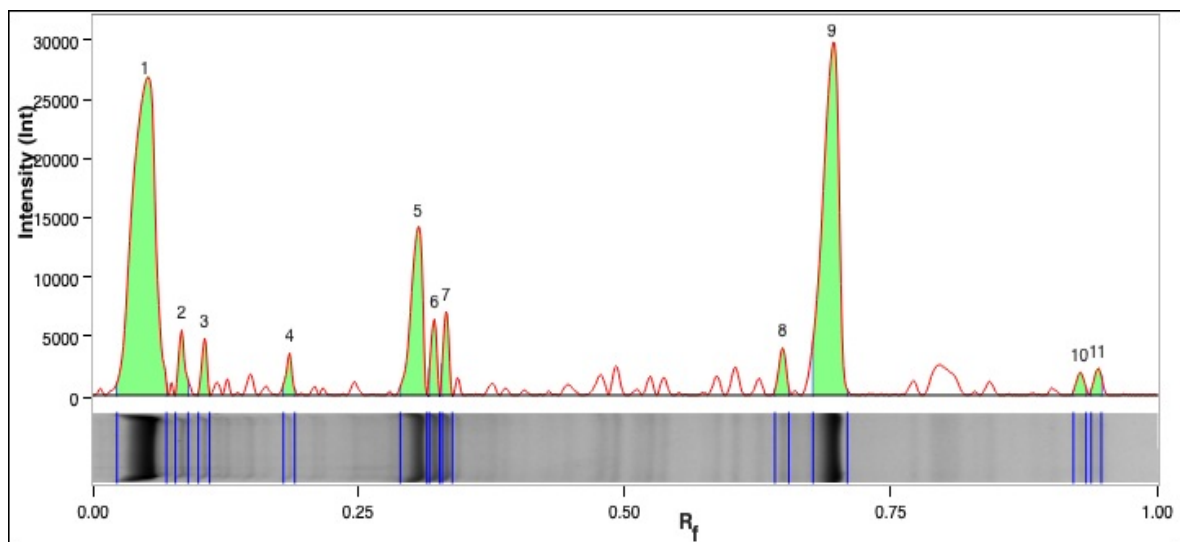
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,051	65.666.146	140.288.967	N/A	N/A	36,5	32,8
2		203,8	0,092	29.761.732	81.398.044	N/A	N/A	16,5	14,9
3		81,0	0,308	14.480.921	66.759.784	N/A	N/A	8,0	7,2
4		76,7	0,324	3.791.788	36.088.143	N/A	N/A	2,1	1,9
5		73,3	0,341	13.754.650	57.142.449	N/A	N/A	7,6	6,9
6		52,9	0,480	5.210.842	25.606.945	N/A	N/A	2,9	2,6
7		33,1	0,696	44.108.064	86.567.754	N/A	N/A	24,5	22,0
8		15,0	0,927	3.160.157	24.417.302	N/A	N/A	1,8	1,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.21 mm
Regression Equation	A single equation is not available for this method

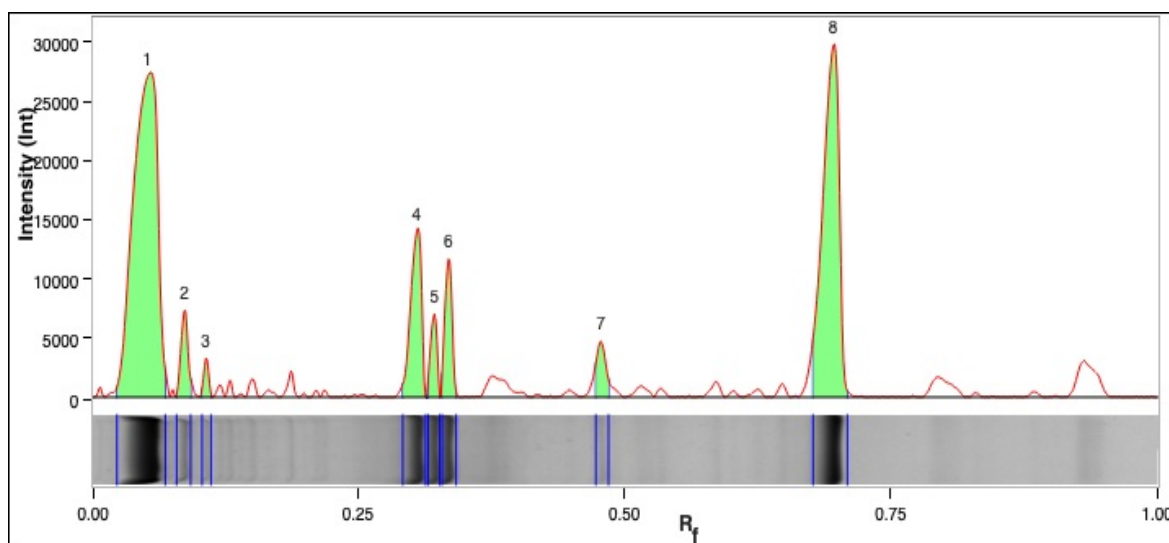
Lane 6



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	55.241.349	131.625.876	N/A	N/A	41,9	35,0
2		212,9	0,085	3.007.899	24.798.450	N/A	N/A	2,3	1,9
3		186,7	0,106	2.235.906	21.217.671	N/A	N/A	1,7	1,4
4		125,5	0,186	1.873.578	18.869.328	N/A	N/A	1,4	1,2
5		81,3	0,306	14.630.295	66.509.787	N/A	N/A	11,1	9,3
6		77,3	0,322	3.369.018	27.268.251	N/A	N/A	2,6	2,1
7		74,8	0,333	3.543.393	26.231.208	N/A	N/A	2,7	2,2
8		36,9	0,648	2.657.289	24.189.672	N/A	N/A	2,0	1,7
9		33,2	0,695	42.374.613	89.192.859	N/A	N/A	32,2	26,8
10		15,0	0,927	1.326.087	19.103.409	N/A	N/A	1,0	0,8
11		12,2	0,944	1.469.772	15.598.239	N/A	N/A	1,1	0,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.35 mm
Regression Equation	A single equation is not available for this method

Lane 7

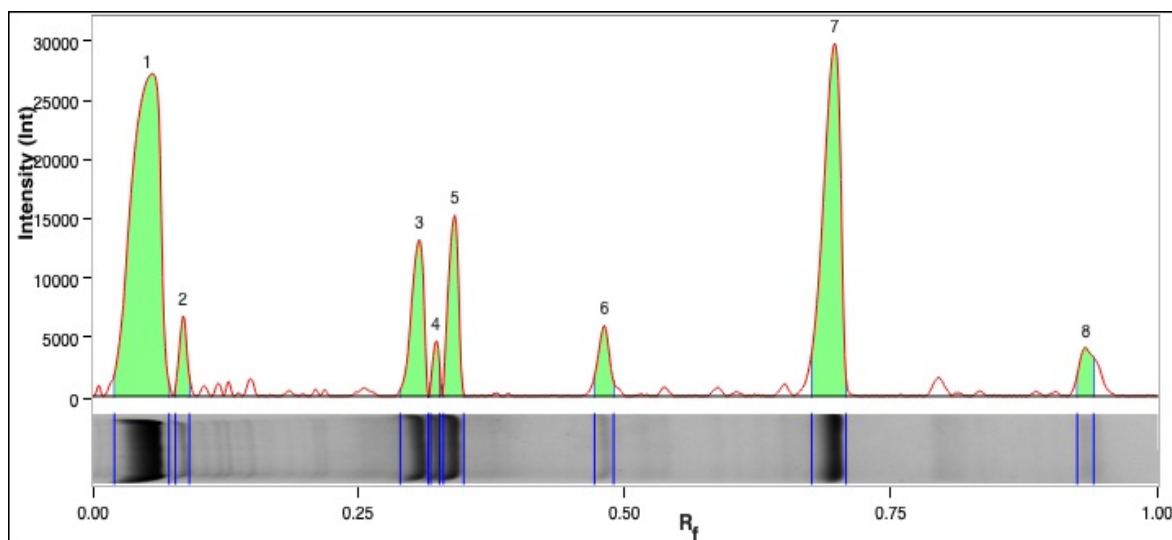


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	61.067.610	131.305.680	N/A	N/A	43,6	36,5
2		209,8	0,087	4.744.170	28.156.140	N/A	N/A	3,4	2,8
3		185,4	0,107	1.484.010	15.152.220	N/A	N/A	1,1	0,9
4		81,6	0,305	13.821.030	57.567.510	N/A	N/A	9,9	8,3
5		77,3	0,322	4.208.220	32.292.900	N/A	N/A	3,0	2,5
6		74,4	0,335	7.744.410	39.195.810	N/A	N/A	5,5	4,6

7		53,2	0,478	3.473.010	18.441.360	N/A	N/A	2,5	2,1
8		33,1	0,696	43.388.460	84.924.630	N/A	N/A	31,0	25,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.14 mm
Regression Equation	A single equation is not available for this method

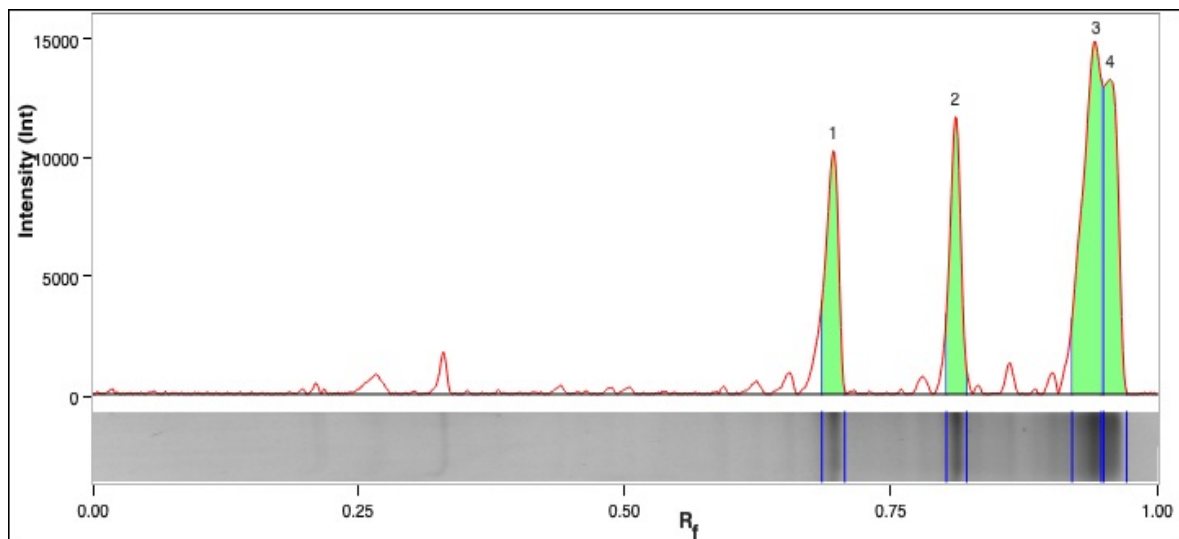
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	76.037.430	164.150.538	N/A	N/A	43,3	39,5
2		211,4	0,086	5.085.720	31.970.268	N/A	N/A	2,9	2,6
3		81,0	0,308	15.730.644	78.931.986	N/A	N/A	9,0	8,2
4		77,0	0,323	2.848.656	29.655.072	N/A	N/A	1,6	1,5
5		73,3	0,341	14.838.144	64.822.326	N/A	N/A	8,5	7,7
6		52,7	0,482	6.332.874	34.470.084	N/A	N/A	3,6	3,3
7		33,0	0,697	49.170.324	99.101.364	N/A	N/A	28,0	25,5
8		14,0	0,933	5.362.650	29.471.982	N/A	N/A	3,1	2,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

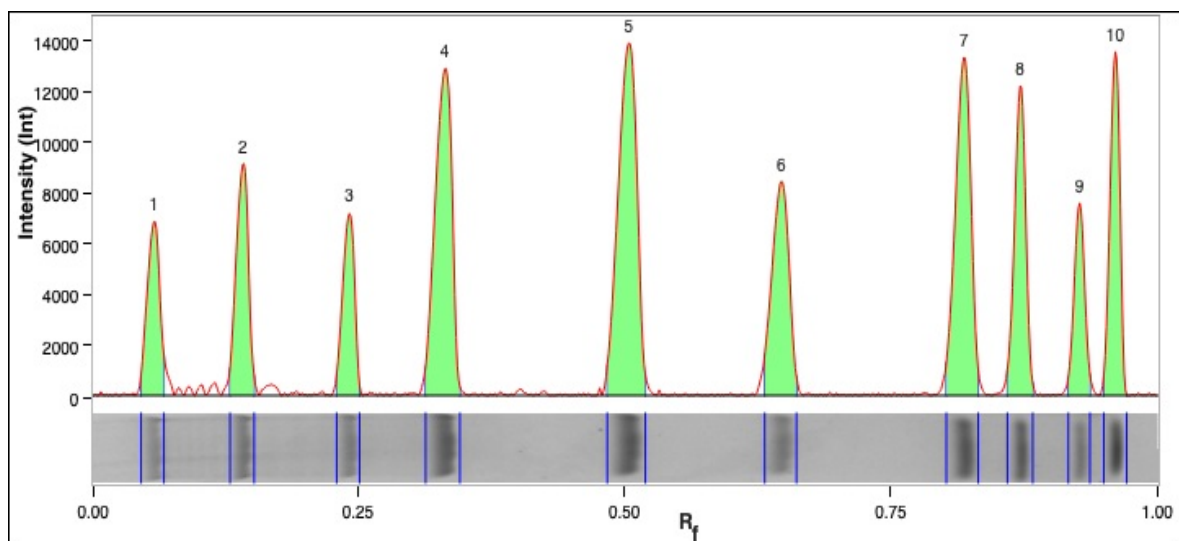
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		33,1	0,696	12.889.128	48.967.344	N/A	N/A	17,6	14,1
2		25,5	0,810	12.833.538	49.606.272	N/A	N/A	17,5	14,1
3		12,4	0,943	29.701.380	86.321.886	N/A	N/A	40,5	32,5
4		10,6	0,956	17.901.306	52.520.310	N/A	N/A	24,4	19,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 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	0,058	6.917.793	31.187.146	N/A	N/A	5,9	5,7
2		150,0	0,142	8.984.117	36.072.427	N/A	N/A	7,7	7,4
3		100,0	0,242	6.818.332	33.539.134	N/A	N/A	5,8	5,6
4		75,0	0,331	17.337.103	55.938.557	N/A	N/A	14,8	14,2
5		50,0	0,504	20.835.144	61.719.382	N/A	N/A	17,8	17,1
6		37,0	0,647	11.414.078	45.533.546	N/A	N/A	9,8	9,4
7		25,0	0,819	16.470.236	52.365.150	N/A	N/A	14,1	13,5
8		20,0	0,871	10.963.383	40.944.357	N/A	N/A	9,4	9,0
9		15,0	0,927	6.359.263	32.669.265	N/A	N/A	5,4	5,2
10		10,0	0,961	10.712.874	37.076.043	N/A	N/A	9,2	8,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.39 mm
Regression Equation	A single equation is not available for this method