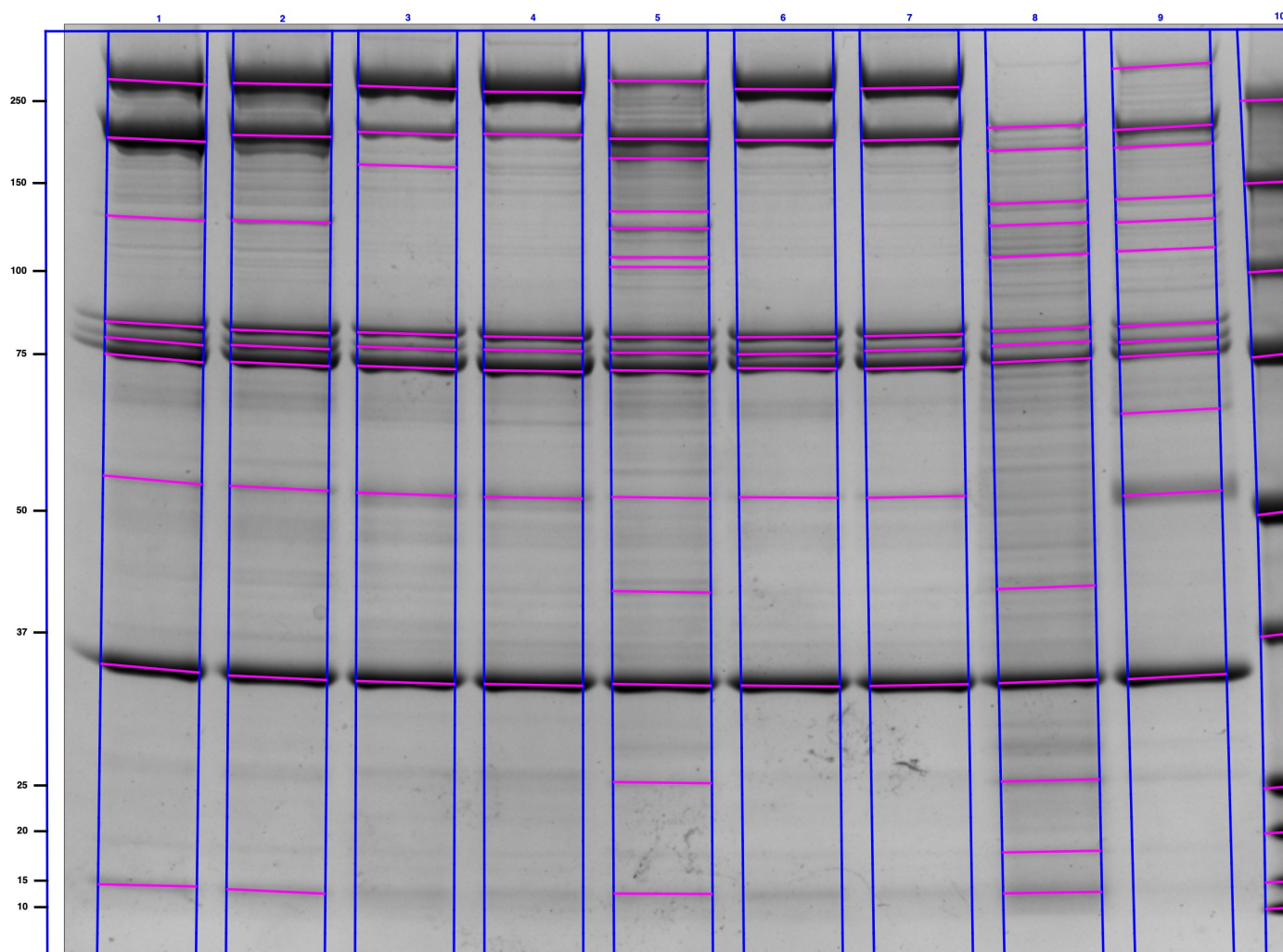


Image Report: 30.06.23 a1 b1 c1 d1 ctr1



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana1.30-06/gel/30.06.23 a1 b1 c1 d1 ctr1.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	7.145 (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	17/7/2023 9:53:28 AM
User Name	FisioLab
Image Area (mm)	X: 74.1 Y: 52.6
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	11660 - 60525

Analysis Settings

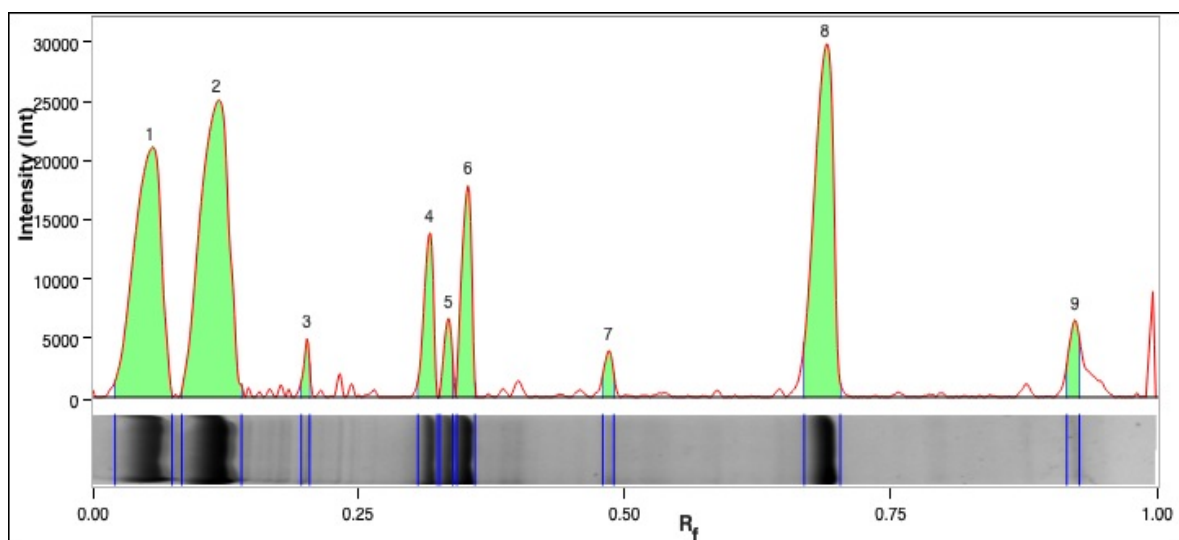
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight 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	186.169.520	555.614.616	205.287.492	1.558.350.386	1.353.062.894	N/A
2	163.074.466	518.287.642	191.369.468	1.594.797.090	1.403.427.622	N/A
3	157.799.406	409.439.284	189.299.214	1.491.019.366	1.301.720.152	N/A
4	160.641.034	420.398.584	187.820.508	1.511.109.284	1.323.288.776	N/A
5	118.405.868	501.370.714	142.037.366	1.582.351.704	1.440.314.338	N/A
6	167.923.126	426.381.058	191.907.634	1.432.262.758	1.240.355.124	N/A
7	174.442.208	428.561.356	195.302.352	1.384.751.712	1.189.449.360	N/A
8	81.231.250	341.486.212	117.894.434	1.485.567.514	1.367.673.080	N/A
9	110.851.044	388.201.284	132.494.862	1.324.741.324	1.192.246.462	N/A
10	298.312.490	741.237.350	312.036.340	1.464.914.780	1.152.878.440	N/A

Lane And Band Analysis

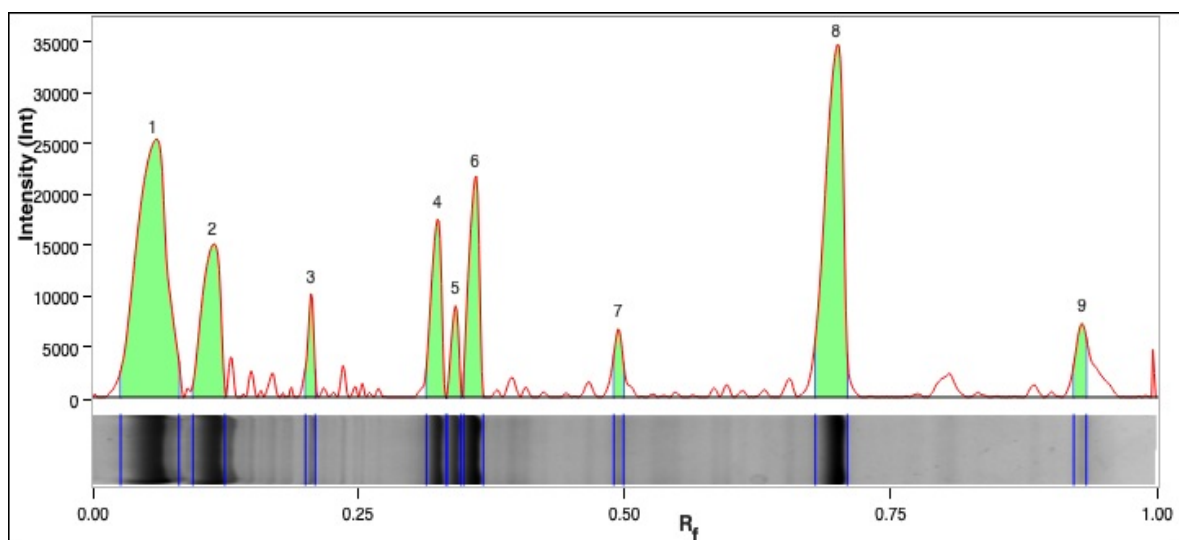
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	46.124.918	128.197.898	N/A	N/A	24,8	22,5
2		196,4	0,117	57.132.188	151.576.098	N/A	N/A	30,7	27,8
3		127,5	0,202	2.102.316	14.718.508	N/A	N/A	1,1	1,0
4		83,1	0,317	10.321.012	45.119.188	N/A	N/A	5,5	5,0
5		78,4	0,335	4.123.042	34.371.448	N/A	N/A	2,2	2,0
6		74,2	0,353	14.161.154	54.415.282	N/A	N/A	7,6	6,9
7		54,1	0,485	2.533.390	18.630.318	N/A	N/A	1,4	1,2
8		33,8	0,688	44.563.392	89.848.302	N/A	N/A	23,9	21,7
9		14,0	0,923	5.108.108	18.737.574	N/A	N/A	2,7	2,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

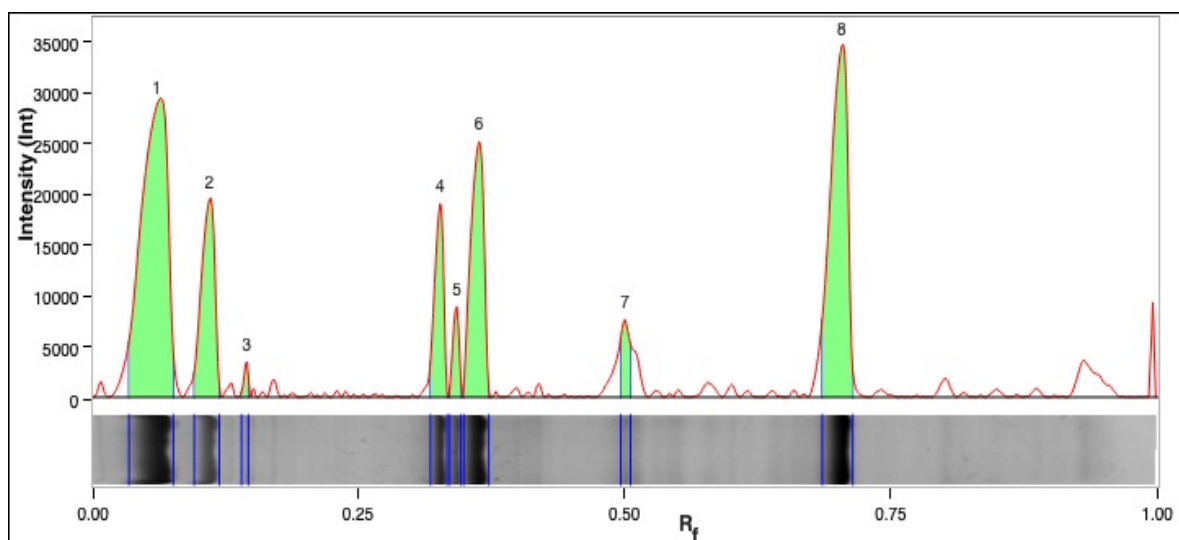
Lane 2



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	54.304.500	143.773.306	N/A	N/A	33,3	28,4
2		200,9	0,113	19.262.538	87.617.410	N/A	N/A	11,8	10,1
3		125,4	0,206	4.102.706	18.884.846	N/A	N/A	2,5	2,1
4		81,1	0,325	12.485.894	49.352.766	N/A	N/A	7,7	6,5
5		76,8	0,342	4.680.560	38.733.356	N/A	N/A	2,9	2,4
6		73,1	0,360	15.922.842	58.892.482	N/A	N/A	9,8	8,3
7		53,0	0,494	3.459.908	17.863.700	N/A	N/A	2,1	1,8
8		32,9	0,699	43.689.682	84.361.682	N/A	N/A	26,8	22,8
9		12,7	0,930	5.165.836	18.808.094	N/A	N/A	3,2	2,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

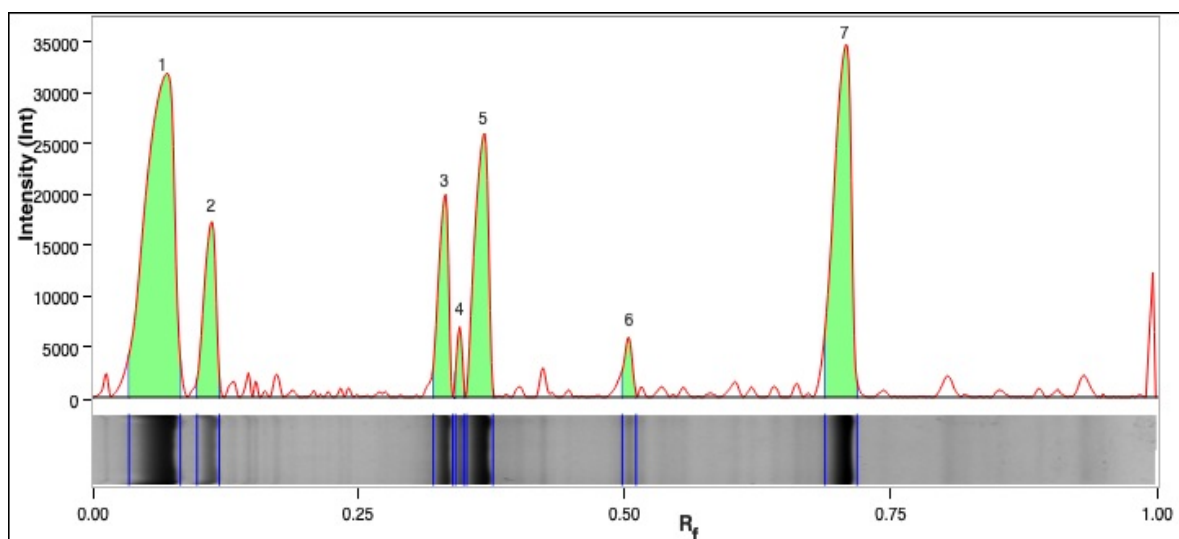
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,061	54.012.334	112.816.092	N/A	N/A	34,2	28,5
2		203,9	0,111	18.220.810	51.589.398	N/A	N/A	11,5	9,6
3		166,5	0,146	1.067.804	11.781.924	N/A	N/A	0,7	0,6
4		80,4	0,327	11.633.996	38.700.720	N/A	N/A	7,4	6,1
5		76,5	0,343	3.939.116	26.623.760	N/A	N/A	2,5	2,1
6		72,4	0,364	23.323.342	68.775.614	N/A	N/A	14,8	12,3
7		52,2	0,501	4.315.332	17.860.830	N/A	N/A	2,7	2,3
8		32,5	0,704	41.286.672	81.290.946	N/A	N/A	26,2	21,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

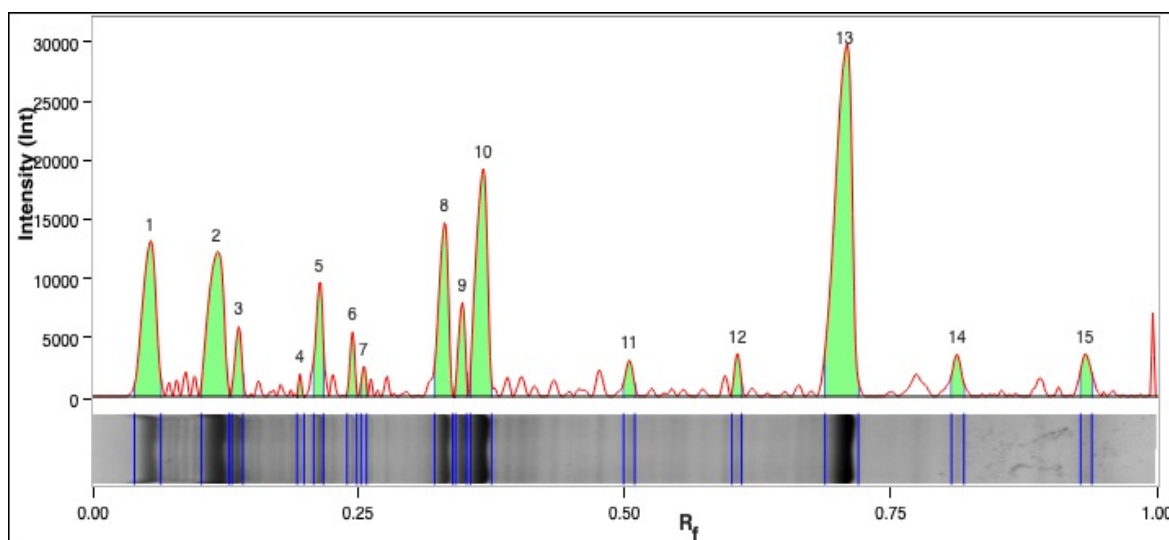
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,066	62.539.760	128.290.886	N/A	N/A	38,9	33,3
2		202,4	0,112	14.150.986	43.381.116	N/A	N/A	8,8	7,5
3		79,4	0,331	13.514.666	46.094.824	N/A	N/A	8,4	7,2
4		75,8	0,346	2.634.168	20.827.836	N/A	N/A	1,6	1,4
5		71,7	0,368	24.215.666	73.775.154	N/A	N/A	15,1	12,9
6		51,7	0,505	3.076.148	24.355.230	N/A	N/A	1,9	1,6
7		32,3	0,707	40.509.640	83.673.538	N/A	N/A	25,2	21,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

Lane 5

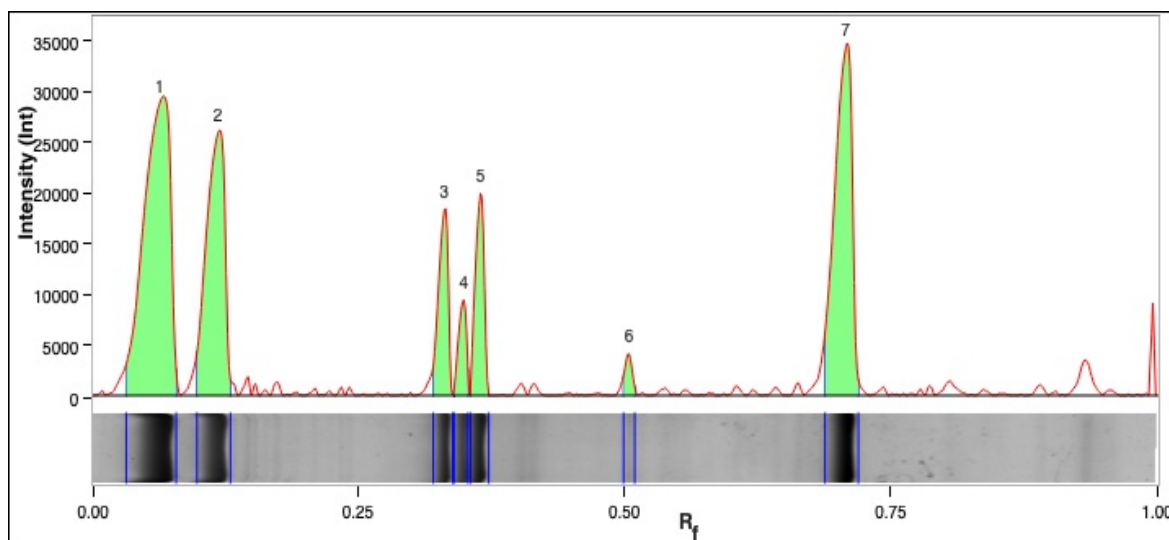


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	13.848.898	53.426.362	N/A	N/A	11,7	9,8
2		196,4	0,117	14.590.424	69.702.378	N/A	N/A	12,3	10,3
3		174,1	0,138	3.044.906	31.182.960	N/A	N/A	2,6	2,1
4		131,1	0,196	431.730	10.591.038	N/A	N/A	0,4	0,3
5		121,3	0,214	4.974.120	20.856.536	N/A	N/A	4,2	3,5
6		106,2	0,245	2.023.268	16.750.468	N/A	N/A	1,7	1,4
7		101,5	0,256	847.224	12.355.596	N/A	N/A	0,7	0,6
8		79,4	0,331	10.490.342	42.164.072	N/A	N/A	8,9	7,4
9		75,2	0,348	4.075.482	29.011.026	N/A	N/A	3,4	2,9
10		71,7	0,368	17.296.916	60.275.002	N/A	N/A	14,6	12,2

11		51,7	0,505	1.788.338	17.835.574	N/A	N/A	1,5	1,3
12		40,9	0,606	1.717.982	18.016.548	N/A	N/A	1,5	1,2
13		32,3	0,707	38.677.022	85.212.760	N/A	N/A	32,7	27,2
14		25,2	0,812	2.354.220	18.621.790	N/A	N/A	2,0	1,7
15		12,3	0,932	2.244.996	15.368.604	N/A	N/A	1,9	1,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

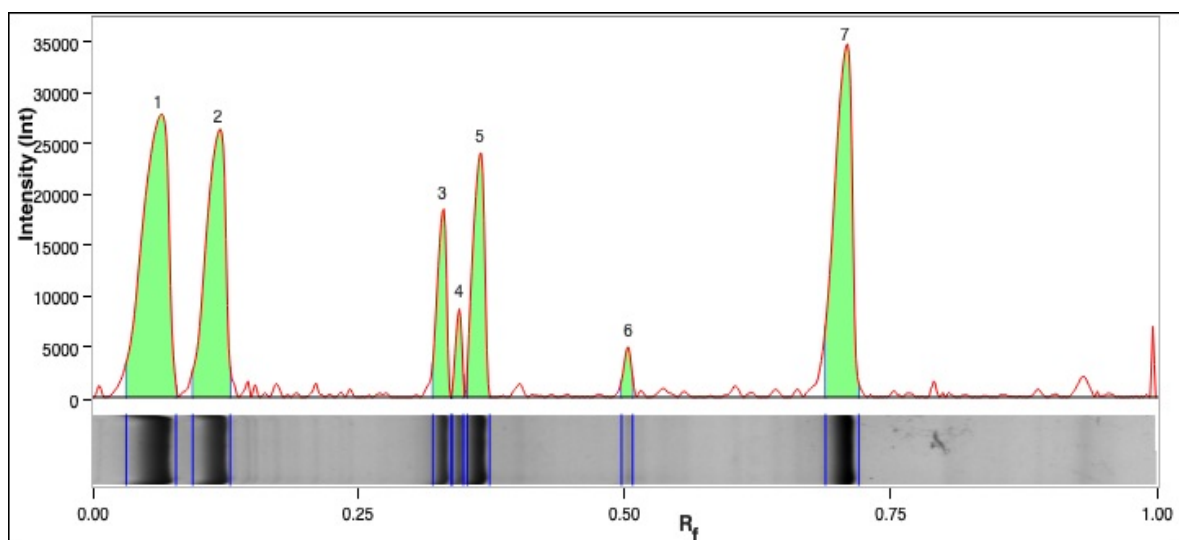
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,064	56.679.630	120.851.272	N/A	N/A	33,8	29,5
2		194,9	0,119	34.714.864	78.221.112	N/A	N/A	20,7	18,1
3		79,4	0,331	12.677.036	44.783.726	N/A	N/A	7,5	6,6
4		74,9	0,349	5.510.072	35.453.848	N/A	N/A	3,3	2,9
5		72,2	0,365	12.875.886	48.160.650	N/A	N/A	7,7	6,7
6		51,7	0,505	2.010.476	14.828.388	N/A	N/A	1,2	1,0
7		32,2	0,708	43.455.162	84.082.062	N/A	N/A	25,9	22,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

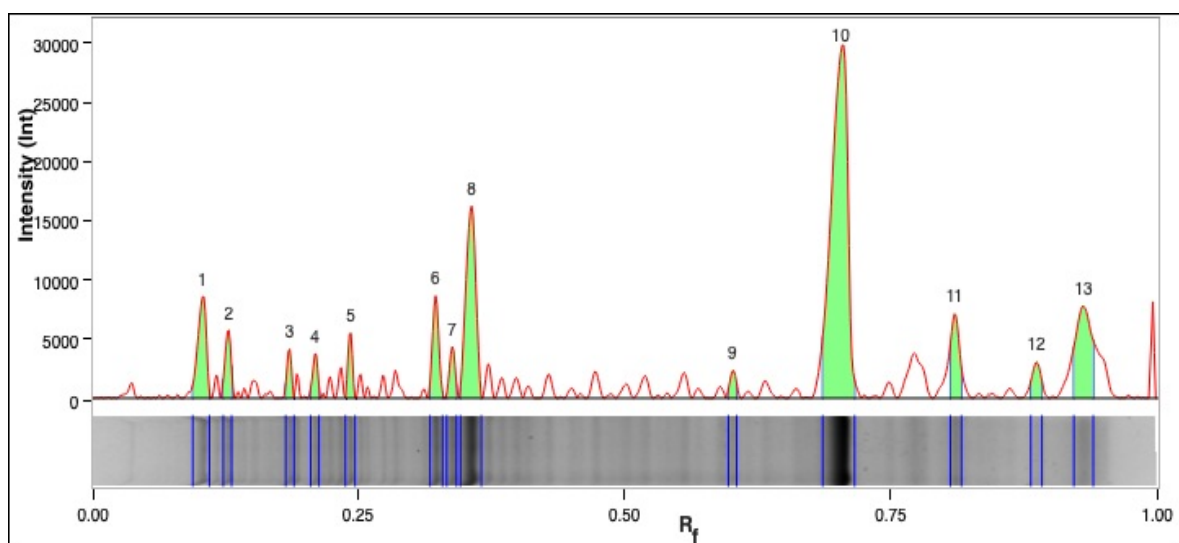
Lane 7



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	53.204.552	116.265.094	N/A	N/A	30,5	27,2
2		195,1	0,118	37.623.814	86.014.310	N/A	N/A	21,6	19,3
3		79,8	0,329	12.294.506	40.942.436	N/A	N/A	7,0	6,3
4		75,9	0,345	4.028.496	26.461.482	N/A	N/A	2,3	2,1
5		72,2	0,365	20.553.382	59.189.978	N/A	N/A	11,8	10,5
6		51,7	0,504	2.654.012	17.031.728	N/A	N/A	1,5	1,4
7		32,3	0,707	44.083.446	82.656.328	N/A	N/A	25,3	22,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

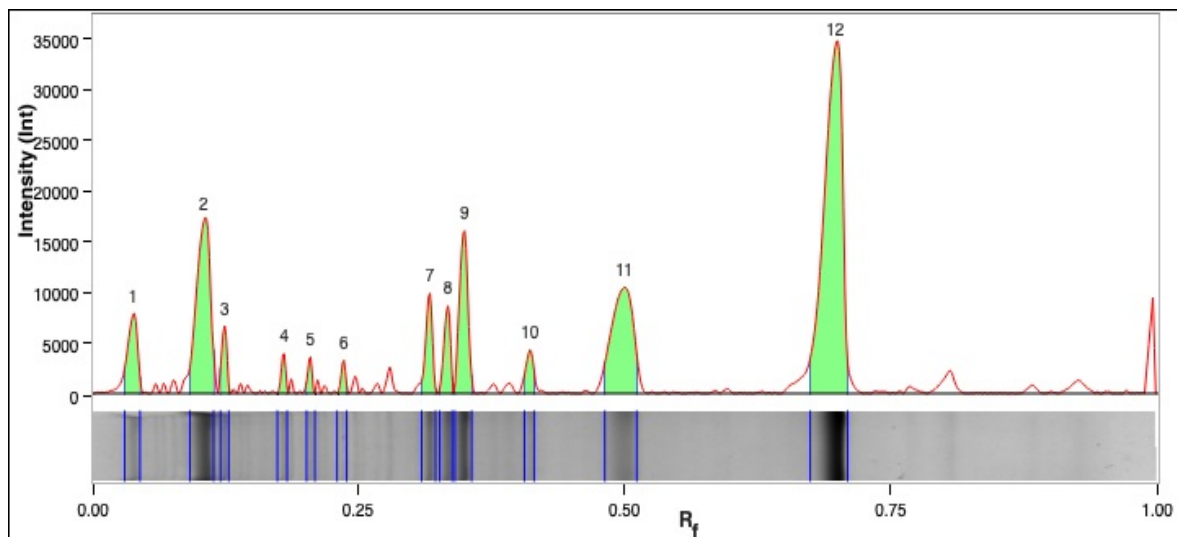
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		211,9	0,104	5.383.218	25.278.714	N/A	N/A	6,6	4,6
2		183,7	0,129	2.411.292	15.171.312	N/A	N/A	3,0	2,0
3		136,5	0,186	1.401.298	16.154.164	N/A	N/A	1,7	1,2
4		123,5	0,210	1.358.166	13.430.124	N/A	N/A	1,7	1,2
5		106,9	0,243	1.886.820	16.026.326	N/A	N/A	2,3	1,6
6		81,5	0,323	3.942.970	23.924.566	N/A	N/A	4,9	3,3
7		77,5	0,339	1.796.702	20.546.330	N/A	N/A	2,2	1,5
8		73,6	0,357	12.039.322	48.463.066	N/A	N/A	14,8	10,2
9		41,3	0,602	1.041.646	14.676.196	N/A	N/A	1,3	0,9
10		32,6	0,703	35.572.584	80.805.588	N/A	N/A	43,8	30,2
11		25,3	0,810	4.066.134	19.924.196	N/A	N/A	5,0	3,4
12		17,8	0,887	1.849.428	16.226.078	N/A	N/A	2,3	1,6
13		12,5	0,931	8.481.670	30.859.552	N/A	N/A	10,4	7,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

Lane 9

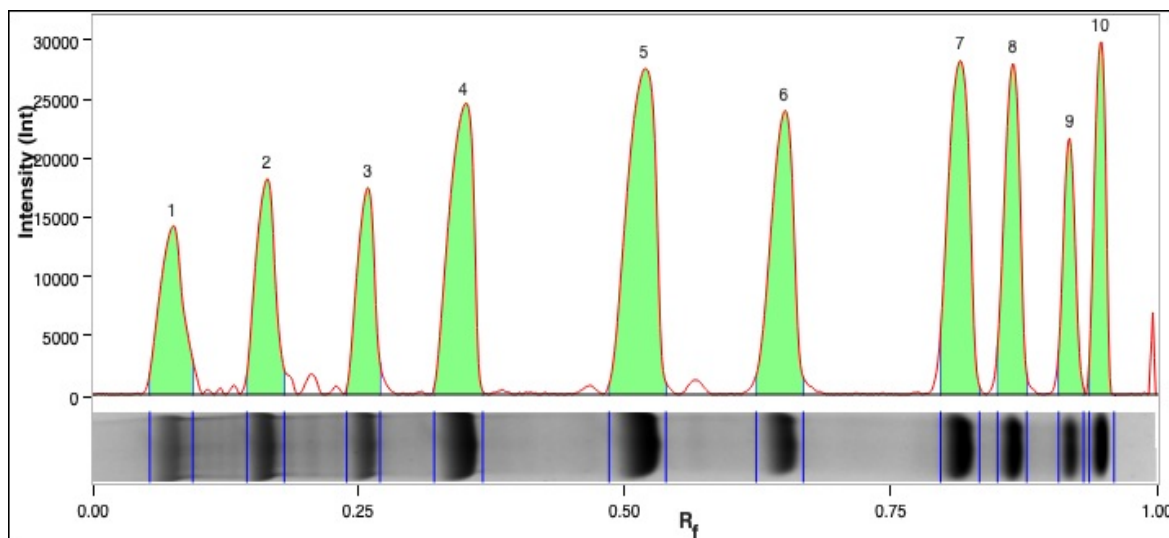


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,039	5.248.082	23.791.070	N/A	N/A	4,7	4,0
2		210,3	0,105	17.010.490	52.137.568	N/A	N/A	15,3	12,8
3		187,9	0,125	2.531.586	17.791.704	N/A	N/A	2,3	1,9
4		139,6	0,181	1.269.606	17.902.650	N/A	N/A	1,1	1,0
5		125,6	0,206	1.072.970	13.574.690	N/A	N/A	1,0	0,8

6		109,9	0,237	1.040.826	14.381.652	N/A	N/A	0,9	0,8
7		82,9	0,318	4.657.600	24.294.796	N/A	N/A	4,2	3,5
8		78,5	0,335	4.077.450	25.751.280	N/A	N/A	3,7	3,1
9		74,8	0,350	9.953.898	38.133.280	N/A	N/A	9,0	7,5
10		64,6	0,411	2.317.320	17.790.556	N/A	N/A	2,1	1,7
11		52,2	0,500	15.843.630	55.205.516	N/A	N/A	14,3	12,0
12		33,0	0,698	45.827.586	87.446.522	N/A	N/A	41,3	34,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 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	0,076	21.626.640	74.226.810	N/A	N/A	7,2	6,9
2		150,0	0,164	23.214.170	73.878.700	N/A	N/A	7,8	7,4
3		100,0	0,259	19.958.680	65.725.590	N/A	N/A	6,7	6,4
4		75,0	0,349	39.557.910	99.007.370	N/A	N/A	13,3	12,7
5		50,0	0,518	51.959.320	113.226.890	N/A	N/A	17,4	16,7
6		37,0	0,650	35.762.510	82.824.700	N/A	N/A	12,0	11,5
7		25,0	0,815	38.833.550	80.129.280	N/A	N/A	13,0	12,4
8		20,0	0,865	28.466.200	60.959.640	N/A	N/A	9,5	9,1
9		15,0	0,918	16.881.130	45.722.180	N/A	N/A	5,7	5,4
10		10,0	0,947	22.052.380	45.536.190	N/A	N/A	7,4	7,1

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
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